

## **ABOUT THE VICE-CHANCELLOR**

Name : Dr. Ajeet Kumar Karnatak  
Father's Name : Shri T.N. Karnatak  
Date of Birth : 09.07.1959  
Place of Birth : Almora (Uttarakhand)  
Educational Qualification : Ph.D. Entomology from G.B.P.U.A. &T., Pantnagar  
Designation : Vice Chancellor, Veer Chandra Singh Garhwali Uttarakhand University of Horticulture & Forestry, Bharsar and Doon University, Dehradun  
Address for Correspondence : Dr. A.K. Karnatak, Vice - Chancellor  
Veer Chandra Singh Garhwali Uttarakhand University of Horticulture & Forestry, Bharsar, Paur Garhwal (Uttarakhand)  
Phone No. : 01348 -226059  
Fax: 01348- 226058  
Mobile No. : +917668867331, 7088699999  
e-mail : vc27uuhfm@gmail.com; a\_karnatak@yahoo.co.in  
Area of Specialization : Apiculture, Insect Pest Management of Rice-Wheat and Sugarcane ecosystem, Soil biota Management, Administration & Human Resource Management (H.R.M.)  
Experience (Years) : More than 35 years experience of Teaching/Research/ Extension.  
**: 18 years experience as Professor & 18 years of experience in Administration and Human Resource Management.**

### **PRESENT POSITIONS & POSITIONS HELD:**

1. Working as Vice-Chancellor, Veer Chandra Singh Garhwali University, Bharsar, Pauri Garhwal, Uttarakhand from July 22, 2019 to till date
2. Working as Vice-Chancellor, Doon University, Dehradun, Uttarakhand from Dec 14, 2019 to till date
3. Worked as Additional Director Administration and Monitoring, G. B.P.U.A. &T., Pantnagar from Nov 30, 2017 to July 21, 2019.
4. Worked as Head of Department, Entomology G. B.P.U.A. &T., Pantnagar from July 30, 2012 to June 19, 2015.
5. Worked as Dean Student Welfare G. B.P.U.A. &T., Pantnagar from 01.08.2008 to 29.5.2012
6. Worked as Chief Personnel Officer G.B.P.U.A. &T., Pantnagar from 10.01.2008 to 31.7.2008.
7. Worked as Director Monitoring with Chief Security Officer, Chief Vigilance Officer, & Chief Reception Officer G.B.P.U.A. &T., Pantnagar from 6.07.2007 to 10.01.2008.
8. Worked as Manager Bal Niliyam and Bal Mangalum School from 5.07.2005 to 12.3.2008.
9. Worked as Estate officer G.B.P.U.A.&T., Pantnagar from 22.08.2005 to 6.07.2007
10. Associate Dean Student Welfare from 18.12.2000 to 21.09.2005.
11. Associate Director Liberal Education 23.04.2003 to 11.12.2003
12. Member College Disciplinary Board from 1997 to 2001.
13. Warden Gandhi Bhawan from 5.5.1997 to 10.7.2001.
14. Staff counselor Entomological Society Pantnagar from 1994 to 2000.

### **AWARDS**

1. **Best paper award** conferred in the Indian Agricultural Scientists and Farmer's Congress' held at Allahabad University Allahabad from Feb. 20-21, 1999 organized by Bioved Research Society Allahabad.

2. **Fellowship Award - 2000** conferred in the '2<sup>nd</sup> Indian Agricultural Scientists and Farmer's Congress' held at Allahabad from Feb. 21-22, 2000 organized by Bioved Research Society Allahabad at University of Allahabad.
3. **Nominated Member of Board of Studies and Research Advisory Committee** of Zoology of Kumaun University, Nainital for three years from 2000 to 2002.
4. **Scientist of the year award** was awarded in the 4<sup>th</sup> Indian Agricultural Scientists and Farmers Congress held at Meerut University, Meerut Feb. 16-17, 2002.
5. **Certificate of Appreciation** for valuable services to National Service Scheme, G.B.P U.A.&T. Pantnagar for the year 2004-2005.
6. **Honorary Fellowship** of Society of Life Sciences Satna (M.P.) for the year 2005. **Honorary Fellowship Award** of Indian society of Environment and Zoology Haridwar was given at Rajasthan University Jaipur in November, 2005.
7. **Dr. S. L. Mishra Medal** for out standing work in the field of Entomology presented in 9<sup>th</sup> Indian Agricultural Scientists and Farmers Congress held at Allahabad January 29 -30, 2007.
8. **Fellowship award** of Zoological Society of India presented in 18<sup>th</sup> AICZ, Lucknow 2007.
9. **Nominated Member of Board** of Studies of Entomology and Agricultural Zoology of Banarus Hindu University twice for a period of 2 Years from 2008 to 2010 and 2012 to 2014.
10. **Dr. R.S. Paroda Award** for outstanding contribution in the field of 'Crop Production and Protection Technology" presented in 15<sup>th</sup> Indian Agricultural Scientists and Farmers Congress held at Allahabad from February 22-24, 2013
11. Nominated as an external expert of Research Degree Committee of Environmental Science and Zoology of Gurukul Kangri University, Haridwar for a period of three years w.e.f. 2013.
12. Nominated member of Board of Governors of Swami Ram Himalyan University, Jolly Grant, Dehradun by Hon'ble Governor of Uttarakhand.
13. Nominated as Member of Board of Governors of Quantum University Roorkee, Uttarakhand.
14. Selected as Vice Chancellor of VCSG Uttarakhand University of Horticulture & Forestry, Bharsar.



## KEY SKILLS AND STRENGTHS OF THE APPLICANT

The applicant has 35 years and 6 months of experience of teaching, research and extension in India's first Agriculture University out of which 18 years are at the level of Professor. The applicant has a wide experience of working on important administrative positions in the university like **Vice-Chancellor, VCSG Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal (Uttarakhand), Vice-Chancellor, Doon University, Dehradun, Dean Student Welfare, Director Monitoring (Chief Vigilance Officer and Chief Security Officer), Chief Personnel Officer and Head of the Department etc.** The applicant also acted as member of Research degree committee of different universities like Banaras Hindu University Varanasi, Gurkul Kangri University Haridwar and Kumaon University Nainital. The applicant was also nominated as member of Board of Governors of Swami Ram Himalyan University, Jolly grant, Dehradun and was also the **member of Vice Chancellor selection**

**committee.** Presently, the candidate is a member of Board of Governors of Quantum University, Roorkee. The candidate has organised different symposium/Seminars and also All India Inter University cross country race and other events of North Zone area. Besides this the candidate has also completed several projects of ICAR as Project Leader. Candidate has 84 research papers to his credit in journals of national and international repute. Presented 75 research papers in national and international seminars. 15 students have done Ph.D. under my guidance and 20 students have completed M.Sc.(Ag) Entomology under me. The candidate has the honour of stablishing *Apis mellifera* species of honeybee in the tarai region and has developed management practices for its culture which has not only increased farmers' income by production of honey wax and other honey products but also increased productivity in cross pollinated crops. Management technology for the giant African snail, a key pest of vegetables, fruits and ornamental plants has also been developed. Candidate has imparted training to the farmers in different aspects of management technology and has published 67 popular articles and several pamphlets. The Apiculture portions of Agriculture portal of Uttarakhand Government, 5 books were published in which a book is to develop "Certificate in Beekeeping Course for Indira Gandhi National Open University (IGNOU) New Delhi". Candidate is a life member of Indian Science Congress Association, Kolkata and several other associations of academic repute. The candidate has a wide experience not only in the area of academics but in other field of social, environmental and also administrative fields. As a life member of Indian Red Cross Society, I was involved in organising Health camps and other social activities. Being brought up in the land of apples, I have always been involved in the cultivation of hilly fruits like apple, peach, pear and apricot since childhood and pledge to continue the same till last.

## **NOTEWORTHY ACHIEVEMENTS**

### **TEACHING:**

#### **Courses Taught At Various Levels**

- 1) Eleven important basic courses taught to students of Undergraduate
- 2) Fourteen core courses of postgraduate and Ph.D. were taught to Post Graduate students

#### **Books and Manuals**

- (i) Books-5
- (ii) Book Chapters – 9
- (iii) Edited book-1
- (iv) e-book –1
- (v) Lab Manual –3
- (vi) Booklets for farmers –2

#### **Advance Trainings / Summer Schools**

1.	Advanced training in 'Apiculture' at Centre of advance Studies, CCSHAU, Hissar from March 11-26, 1996
2.	Summer Institute on 'Biological Suppression of Pests, Diseases, Nematodes and Weeds' at Tamil Nadu Agriculture University, Coimbatore from June 5-27, 1996
3.	Advance training course on 'Insect Pest Management' at CCSHAU, Hissar from March 10-29, 1997
4.	Summer school on "Recent advances in insect pest management in major crop" held at G.B. Pant University of Agriculture and Technology, Pantnagar from July 7-27, 1997.
5.	Third Master trainers Training on 'Integrated Pest Management' at national Centre for Integrated Pest Management, New Delhi from June 29 to July 4, 1998.
6.	Training on Computer education for teachers and officers at CABM, G.B.Pant University of Agriculture and Technology, Pantnagar from December 9-30, 2000.
7.	Training on 'WTO cum IPR management in Agriculture Research' at G.B.P.U.A.&T., Pantnagar, March 22-23, 2002.

## LIST OF STUDENTS COMPLETED M.Sc. & Ph.D. UNDER MY GUIDANCE.

15 Ph.D. & 20 M.Sc. students have already completed Degree programme under my guidance.

### RESEARCH:

#### Innovations Made/ Technology Developed

▶▶ Management technology for the Giant African Snail, a key pest of Vegetables, fruits and ornamental plants, developed.

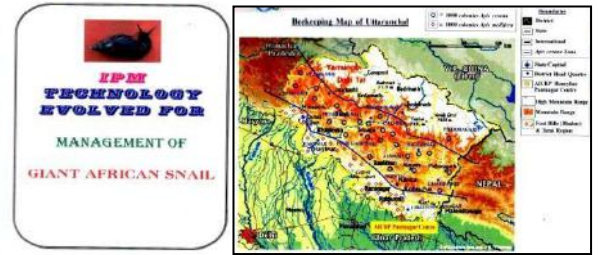
▶▶ Management technology for IPM of different insect

Sugarcane and other crops was developed and disseminated for the farmers.

▶▶ Management technology for *Apis mellifera* around the year was established resulting into Establishment of Italian bee in Tarai and Bhabar region of the state.

#### Research Projects and Achievements

- a) Nine major Research Project have been completed and **two** Projects under operation. Worked as Principal Investigator of AICRP on Honeybee and pollinators & NATP project on soilbiota.
- b) IPM schedule for the management of giant 'African Snail' was evolved. The technology was widely published by National News Agency 'varta', Pantnagar news, *Amar Ujala*, *Uttar Ujala*, Agriculture Magazines like *Krishi Jagran* and *KrishiMangal*.
- c) Host preference album for giant African Snail was made.
- d) Probit analysis programme for calculating LC & LT values was prepared.
- e) Impact of commonly used pesticides on soil biota and non target organisms have been established in rice wheat cropping system through a National Agriculture Technology Project.
- f) Research on Behavioral response of *Apis mellifera* to different commonly used insecticides has been studied, work on exploiting different bee products for increasing beekeepers income was done.
- g) Management practices of *Apis Mellifera* to harvest more honey and for pollination was evolved.
- h) Technique for Royal Jelly production has been standardized and value addition programme of bee products has been initiated. Pollen substitute with soybean flour has been established.
- i) Floral calendar of bee flora of Uttarakhand state was made.
- j) Module for migration of honey bee colonies and apiary management for beekeepers of Uttarakhand is established.
- k) Beekeeping map of Uttarakhand has been made.



pest of rice,

#### D) RESEARCH PROJECTS HANDLED

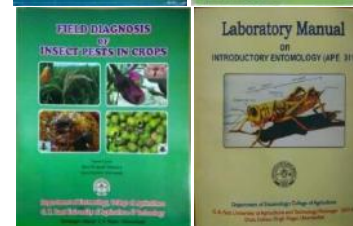
Sr.no.	Title of the project	Funding Agency Name	Duration
1.	Studies on the resistance to major insect pests in Sugarcane	University funded (1990-1993)	3 years
2.	Bionomics and control of common snail at Pantnagar.	University funded (1993-1999)	6 years (renewed on yearly basis)
3.	Testing on Actara 25 WG against termites on sugarcane crop	Novartis (Syngenta India Ltd. ) (2000-2003)	2 years
4.	Impact of pesticides on soil Biota and non target organism	NATP (Dec 1999- Dec 2003)	4 years
5.	AICRP on Honey bee research and training	ICAR (1996-2009)	Coordinated project
6.	Network project on Insect Biosystematics	ICAR (2005-2014)	Network project
7.	Bio efficacy and phytotoxicity evaluation of Admire 70WG (Imidacloprid 70WG) against aphid and whitefly in potato	Bayer Crop Science Ltd. (2014-2016)	2 years
8.	To evaluate Bio efficacy of Fipronil 200 SC (w/v) against sucking pests of fruit borer in Chilli	Bayer Crop Science Ltd. (2014-2016)	2 years
9.	Bio efficacy of Lancer gold (Acephate 50% + Imidacloprid 1.8% Sp) against target pests of Sugarcane	United Phosphorus Ltd. (2014-2016)	2 years
10.	Bio-efficacy of Carbofuran 3% CG for the control of jassid in Okra Crop	M/S Insecticides (India) Ltd.	1 year
11.	Evaluation of bio-efficacy of Chlorantraniliprole 8.8% w/w + Thiamethoxam 17.5% w/wSC (Voliam Flexi 300 w/v SC) against sugarcane pests	M/S Syngenta India Limited	2 Years
12.	Evaluation of efficacy of Formulation Clothianidin 50% WG against Brown Plant Hopper in Paddy	M/S Hikal ltd.	1 year
13.	To determine the bio-efficacy of PIPL 1140 against Fruit borer, Thrips and Mite in Chilli crop	M/S Parijat Industries (India) Pvt. Ltd	2 years
14.	Evaluate the bio-efficacy of Ulala(Flonicamid 50% WG) against insect pests of Chilli	M/S UPL Limited	2 years
15.	Evaluate the bio-efficacy and phytotoxicity of atabron (Chlorfuazuron 5.4% EC) against insect pests of chilli	M/S UPL Limited	2 years

#### Research & Other Publications

- (i) Editor for the journal PLANTICA- Journal of Plant Science
- (ii) Research Papers –159

- A. Research Papers in Journals –84
- B. Research Papers in Conferences – 75
  - a. National-60
  - b. International-15

- (iii) Popular Articles –67
- (iv) Lab Manual –3
- (v) Booklets for farmers –2
- (vi) Honeybee Extension Pamphlets – 8
- (vii) e-book –1
- (viii) Book Chapters – 9
- (ix) Edited book-1
- (x) Books-5



### EXTENSION WORK/ HUMAN RESOURCE DEVELOPMENT

- a) Imparted training organized by Directorate of Extension
- b) Given trainings on honey beemanagement.
- c) Actively Participated in Kisan Mela, KisanGosthis.
- d) Models displayed in Kisan Mela (Made by Society got 1<sup>st</sup>prize and 2<sup>nd</sup>prize).
- e) Popular articles in **Kisan Bharti, Indian Farmer's Digest, Krishi Jagran, Krishi Mangal, Krishi Today** and Local daily newspapers like **Amar Ujala and Uttar Ujala**.
- f) Writer of a permanent column '**Kisan Vigyan Kay Dwar**' in daily **Uttar Ujala**.
- g) Delivered lectures to farmers, defense personnel and government employee.
- h) Organized familiarization programme of Senior Functionaries of IFFCO foundation to Scientific beekeeping.
- i) Acted Resource person in various HRD programmes organized by various agencies in the state including Govt. bee keeping centre Jeolikote and KVIC bee keeping observation centre Haldwani.
- j) Beekeeping especially with *Apis mellifera* has been promoted in state. To achieve this various HRD programmes were initiated in collaboration with Directorate of Extension Education.
- k) Delivered radio talks on various insect pests of crops, Apiculture, IPM etc.
- l) Total number of popular articles –67
- m) Booklets for farmers (in Hindi) –2
- n) Honeybee Extension Pamphlets – 8
- o) Developed "Apiculture portion of Agriculture portal of Uttarakhand Government.

- p) Developed 'certificate in Beekeeping course for Indira Gandhi National Open University (IGNOU) New Delhi in 2008.

### **Examinership of Universities**

- i) Paper Setter and Examiner of M.Sc. Final Zoology, Kumaun University, Nainital from 1993 to 1996 and 1999 to 2006 and D.D.U. Gorakhpur University, Gorakhpur from 1999 to 2006 and Practical Examiner of UG of Kumaun University, Nainital and D.D.U. Gorakhpur University, Gorakhpur.
- ii) External examiner of P.G., Ph.D. Student of B.H.U., Varanasi, in 1997, 1999 to 2001 and 2002 to 2006, C.S.J.M. University Kanpur from 2003 to 2006. Kumaun University Nainital 2005–08.
- iii) External examiner of U.G. students of Kumaun University Nainital, Gorakhpur University Gorakhpur, C. S. J. M. University Kanpur, Lucknow University Lucknow.

### **Membership of professional bodies, societies etc.**

- ii. Life member of Entomological Research Association, Udaipur
- iii. Life Member, International Society of Applied Biology, Lucknow
- iv. Member, Indian Science Congress, Calcutta.
- v. Member, Bioved Research Society, Allahabad.
- vi. Member, Indian Ecological Society, Ludhiana.
- vii. Member, Entomological Society, Pantnagar.
- viii. Member, Indian Academy of Environmental Sciences, Haridwar.
- ix. Member, BOFA.
- x. Manager Bal Niliyam and Bal Managalumschool, Pantnagar.
- xi. Member, Academic Council, G.B. Pant University of Agriculture and Technology, Pantnagar

### **Extra-Curricular Activities**

1. Organizing committee member of Annual sports meet of students from 1997 to 2004 and chairman from 2008 to 2012.
2. Organized volley ball, basket ball, carom, table tennis, badminton, chess and cricket tournaments in hostels and University as warden, Associate DSW, Dean Student Welfare since 1997 to 2012
3. Organized G. B. Pant centenary celebration throughout the year in 1987 – 88 and organizing Pant Jayanti every year.
4. Organized Gandhi Jayanti, Shastri Jayanti as Warden Gandhi Bhawan and Associate DSW for a period of 10 years and now organizing these events as DSW.
5. Member of organizing committee of honeybee group meeting organizing at Pantnagar in 1998.
6. Organizing committee member of summerschool organized in the department in 2000.
7. Worked as organizing committee member of various workshops/ summer school organized in



the college/ University from time to time.

8. Organized various sports, literary, Cultural activities in Gandhi Bhawan as warden and in the University as Associate D.S.W and Dean Student Welfare.
9. Organized North-zone intervarsity Kabbadi Tournament (M) from 11-10-2008 to 14-10-2008 in which 20 teams of different universities participated.
10. Mediclaim policy for students was implemented in 2008-09 in the University for Cash-less treatment of students in different hospitals.
11. Organized All India Inter University cross-country Race (Men and Women) in December 2010 in which 78 universities participated.
12. Organized International Conference on Youth for Integral humanism, January 12-13, 2012 in which 400 participants from eight countries participated.
13. Organized National Debate Competition 14-15 January 2012 in which eminent universities participated. Besides, National Elocution contest was also organized.
14. Organizing committee member of 5<sup>th</sup> Indian Agricultural Scientists & Farmers Congress at Allahabad in 2003.
15. Joint Secretary, organizing committee of 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> Indian Agricultural Scientists and Farmers Congress held at Allahabad University, S.V.B.P. University Meerut BHU Varanasi and Allahabad University respectively.
16. Personality development workshop for SC/ST students was organized for the first time in 2010.
17. Documented year wise sports activities of the university in the form of a sport's year book 'SPORTSTRACK'.
18. Worked as chairman of several high level committee of university for organizing different seminars / workshops / conferences as Director Monitoring and Dean Student Welfare.
19. Honoured by His Excellency Hon'ble Government of Uttarakhand on 18<sup>th</sup> June 2013 for participating and promoting voluntary Blood Donation under the aegis of Indian Red Cross Society.
20. Organized Biennial Workshop of All India Coordinated Research Project on Honeybees and Pollinators as Head, Department of Entomology from 17<sup>th</sup> to 18<sup>th</sup> June 2013 at G.B. Pant University of Agriculture and Technology, Pantnagar.
21. Participated AND presented paper in National Conference on "Hill Agriculture in Perspective HAP-2016" at GBPUA&T, Pantnagar during February 26-28, 2016.
22. Participated in National Farmers Conference organized on the occasion of World Honey Bee Day at GBPUA&T, Pantnagar during August 19-20, 2017.
23. Organised Pant Jayanti celebrations at University level on the occasions of 130<sup>th</sup> Birth Anniversary of Founder of the University Bharat Ratna Pt. Govind Ballabh Pant from 24<sup>th</sup> August to 10<sup>th</sup> September 2017.
24. Acted as Chairperson of Agri-Input Session of Academia-Industry Meet (AIM-2017) held at GBPUA&T Pantnagar on 14-11-2017.





25. Chaired Technical Session II (Oral presentations) in International Conference on Applied Zoological Research for Sustainable Agriculture & Food Security held at BHU Varanasi from 9- 11 February 2018.
26. Chaired the session in “Annual Zonal Workshop of Krishi Vighyan Kendras of Zone-1 organized by ICAR-ATARI (Agricultural Technology Application Research Institute, Ludhiana) held at GBPUA&T Pantnagar during 3 to 5<sup>th</sup> August, 2019”.
27. Guest of Honor in Kisan Mela of GBPUA&T, Pantnagar on Sep. 27-28, 2019.
28. Chaired panel discussion at University of Petroleum & Energy on scenario of Agriculture & Horticulture in context of increasing farmer’s income in Uttarakhand in 6<sup>th</sup> Agro-Horticulture supply chain conference on 4-5<sup>th</sup> October, 2019, Dehradun.
29. Guest of Honor in Foundation Day Celebration at GBPUA&T Pantnagar on Nov. 17, 2019.
30. Organized the programme “Ek Bharat Shrestha Bharat” at Doon University, Dehradun from Dec 19, 2019 to Dec 23, 2019

### **WORK DONE AT VEER CHANDRA SINGH GARHWALI UTTARAKHAND UNIVERSITY OF HORTICULTURE & FORESTRY, BHARSAR PAURI GARHWAL 246 123 UTTARAKHAND**

- The accreditation of the university from ICAR is main priority. To make university ready for accreditation, up gradation of academic environment, renovation and repairing of existing facilities, e-learning, up gradation and establishment of laboratories and smart class rooms, digitization of library and addition of library resources etc., a **“Project is sanctioned by NAHEP, ICAR under Innovation Grant of worth Rs 5.00 crore to the university during my 5 months tenure as Vice Chancellor of the university”**.
- Setting up the **Agri-incubator** in collaboration with Ekaon Consulting Services is **approved in principal** as one of the important criteria for accreditation.
- To improve R&D activities and to ensure collaboration between different universities /institutions, a **MOU between Shri Krishna Ayush University, Kurukshetra for Medicinal plant research and Doon Business School Group, Dehradun** for R&D projects is worked out and shall be placed before Academic Council for approval soon as it is also important for accreditation.
- For smooth functioning of **Directorate Research and Directorate Extension** of the university, **Additional Director Research and Joint Director, Extension** is appointed on deputation basis. This will result into better coordination regarding Research and Extension activities of the university.
- The Building of Directorate Research at Bharsar is taken over and efforts are being made to develop this building as best facilities centre for research activities. The establishment of **“Central Instrumentation Laboratory”** equipped with modern instruments for high quality research is underway, the fund for which is arranged from ICAR.
- To strengthen the Research & Development activities as well as extension work in the university, R&D projects of **Rs 30.00 lacs at College of Forestry, Ranichauri and Rs 10.00 lacs at College of Horticulture, Bharsar** are arranged from various industries.
- To improve the academic environment in the university, all academic activities are being conducted as per the academic calendar of the university.
- The process for faculty recruitments is started and at first phase recruitment for KVK and AICRP is under process and the recruitment process will be complete within 3 months. Recruitment for Faculty positions will also be completed within 6 months.
- Fund for **50 bedded Post Graduate Student’s hostel made available from university income /savings**. Likewise fund for **under construction Girls Hostel at COH and COF is now made available** from state government.
- The main campus of the university at Bharsar is located in remote area and farms activities are greatly hampered by wild animals. Therefore for Chain link fencing of the entire campus, detail Project Report is submitted to state government and the work regarding fencing is expected to start shortly.

- Renovation work and repairing of damaged infrastructure at College of Horticulture, Bharsar and College of Forestry, Ranichauri.
- Veer Chandra Singh Garhwali Park at Bharsar is renovated and remodeled.
- Efforts are being made **to harvest rain water** in various ponds in COHA, Chirbatiya and other campus/centres. University is also making **storage of rainwater structure mandatory** in all future constructions.
- Issues related to Construction of Infrastructures at Bharsar and Ranichauri are resolved and construction work is going on at steady pace.
- Step for the **installation of Solar Light** at different locations of campus at Bharsar is taken and work regarding solar street light through UREDA is expected to be completed soon. Further, to ensure the maximum use of solar energy, a detail proposal is submitted to state government for financial support.

  
**(A.K. KARNATAK)**