

Bundelkhand University, Jhansi
Performance Based Appraisal System (PBAS) Proforma for
Promotion under CAS
(November 19, 2005-2010)

Part A: General Information and Academic Background

1. **Name: MANOJ KUMAR**
2. **Father's Name : Late Shri Nempal Singh**
Mother's Name : Smt. Mithlesh Lata
3. **Department : Institute of Food Technology**
4. **Current Designation & Grade Pay : Assistant Professor, Sr. Scale (Stage 2)**
(AGP – 7000) (Page 60-62)
5. **Date of last Promotion : 19th November, 2005**
6. **Which position and grade pay are you an applicant under CAS ? : Assistant**
Professor, Sr. Scale (Stage 3) (AGP – 8000)
7. **Date of Eligibility for Promotion : 19th November, 2010**
8. **Date of Birth : 15th August, 1970**
9. **Sex: Male**
10. **Marital Status : Married**
11. **Nationality : Indian**
12. **Indicate whether belongs to SC/ST/OBC category : SC (Page No. 59)**
13. **Address for correspondence (With pincode) : H.No. 02, Block-A/Type IV,**
Bundelkhand University Residential Campus, Jhansi (U.P.) 284128
14. **Permanent Address : H.No. I/34, Phoolbagh, GBPUA&T, Pantnagar (UK)**
Telephone No. : 9935663199
Email: Manoj_pantnagar@yahoo.com
Domain: www.manojkumar.co.in

15. Academic Qualifications (Matric till post-graduation):

Exam Passed	Board/University	Subjects	Year	Division/Grade	Page No.
High School	UP Board Pantnagar	Science	1987	II	Page No. 20,21
Higher Secondary	UP Board Pantnagar	PCM	1989	II	Page No. 22,23
Bachelor's Degree	GBPUA&T Pantnagar	Agriculture & Animal Husbandry	1989-1993 (04 years degree programme)	(OGPA: 3.347/5.000) ≈67 % (Second)	Page No. 24,25
Master's Degree	GBPUA&T Pantnagar	Food Technology	1996	(OGPA: 4.000/5.000) ≈70% (First)	Page No. 26,27
NET	ASRB, ICAR	Food Technology	2001		Page No. 28

Research Degree(s)

Ph. D.	Uncompleted*	GBPUA&T Pantnagar	Food Technology	1997-99 (05 semesters)	(OGPA) 4.032/5.000	Page No. 29,30
	Discontinued** /Uncompleted	NDRI, Karnal	Dairy Chemistry	1 Augt-6 Sept, 2012	–	Page No. 31,32
	Incomplete***	IFT, BU	Food Technology	2015 - continued	Completed course work & submitted synopsis	Page No. 33,34

*Completed required course work of 31 credits and all other formalities except submission of Thesis Research. Permission for fresh/new/re-admission is under consideration by Academic council (AC) since 2009. University also discontinued an admission to Ph.D. at Institution since 2011 due to lack of faculty.

**Registered in Ist semester with 22 credits of course work, attended 35-40 classes. Admission discontinued due to unable to fulfill the condition of having FIP for study leave.

***Submitted Synopsis entitled “Studies on fruit juice blended frozen soy yoghurt with melting resistance characteristics”.

16. Appointments held prior to joining this institution

Designation	Name of Employer	Pay Scale	Nature of Work	Organization	Period	Page No.
Executive Trainee(QC)	Dalmia Industries,	Rs. 3500+HRA	Quality Control	Dalmia Industries, Bharatpur, Rajasthan	March, 1996- August, 1996	Page No. 35
Production Supervisor	Parle Biscuits	Rs. 5200+HRA	Production Supervision	Parle Biscuits Ltd., Bahadurgarh, Haryana	August, 1996- November, 1996	Page No. 36

17. Post held after appointment at this institution:

Designation	Department	Date of Actual Joining		Grade	
		From	To		
Lecturer	Institute of Food Technology	19 th November, 1999	19 th November, 2005	Rs. 8000-13500/-	Page No. 37,38
Assistant Professor (Sr.Scale)	Institute of Food Technology	19 th November, 2005	Till Present Date	AGP Rs 7000/- (June,2017-August 2018)	Page No. 60,62

18. Period of teaching experience: P.G. Classes (in years) 21: U.G. Classes (in years)- 21

19. Research Experience excluding years spent in M.Phil/Ph.D. (in years)- Nil

20. Field of Specialization under the subject/Discipline: Dairy Technology/Probiotics

21. Academic Staff College Orientation/Refresher Course attended during the year

Orientation Courses				
21st Jan-17 th Feb, 2009	23 Days	Participated in the UGC Sponsored Orientation programme at Academic Staff College, Laxmibai National institute of Physical Education, Gwalior, MP	UGC Academic Staff College, LNIUP, Gwalior, MP	Page No.39

Refresher Courses

17th June-07 th July, 2008	21 Days	Participated in 23 rd Training programme on “Sensory and related techniques for evaluation of Dairy Foods” Organized by Centre of Advanced Studies in Dairy Technology Division, NDRI	Dairy Technology Division NDRI, Karnal, Haryana	Page No.40
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Any other relevant information

- (i) In the year 1997, qualify university entrance examination and admitted for Ph.D. in Food Technology from GBPUA&T, Pantnagar and completed the all the Course work of 31 credits with OGPA 4.032/5.000:

Course #	Course Title	Credits	Grade Obtained
<u>A. Core Courses</u>			
AFS 711	Advanced Food Processing	2	B
AFS 722	Advanced Food Chemistry	2	B
AFS 731	Bio-processing of Food	2	C
AFS 781	Advanced Food Analysis	2	B
AFS 600	Seminar	1	A
AFS 790	Thesis Research	30	-
<u>B. Basic Supporting Courses</u>			
TPF 670	Food Plant Design	3	B
<u>C. Optional Courses</u>			
HFN 540	Advanced Nutrition I	2	C
AFS 580	Food Plant Sanitation	3	B
TPF 558	Packaging	2	A
TPF 662	Food Biotechnology	2	A
<u>D. Courses for Minor</u>			
TPF 635	Advance Process & Food Engineering	4	B
TPF 657	Advanced Topics in Storage Engineering	3	B
TPF 660	Bioprocess Engineering	3	B

- (ii) In the year 2012, qualify university entrance examination and admitted for Ph.D. in Dairy Chemistry from NDRI, Karnal and registered for the following courses in Ist semester:

Course #	Course Title	Credits
A. Major Discipline		
DC 711	Advances in Chemistry of Milk Proteins	3
DC 712	Advances in Chemistry of Milk Lipids	3
DC 713	Advances in Chemistry of Functional Dairy Foods & Nutraceuticals	3
DC 719	Seminar	1
B. Minor Discipline		
DT 711	Advances in Lipid Technology	3
C. Supporting Discipline		
AB 614	Food & Nutrition Biochemistry	3
D. Pre-requisite Courses		
DC 612	Milk Carbohydrates, Minerals & Water soluble vitamins	3
DC 613	Chemistry of Milk Lipids	3
D. Non-credit Courses		
GS 633	Intellectual Property & its management in Agriculture	1
GS 635	Disaster Management	1
PE	Physical education	1

- (iii) Completed course work required for the Ph.D. degree programme at Bundelkhand University.

Declaration

I certify that the information provided is correct as per record available with the University and / or documents enclosed along with this filled in proforma.

Name and Signature

(Manoj Kumar)

Place:

Date:

Part B : Academic Performance indicators (APIs) in Recruitments and Career Advancement Scheme (CAS) Promotions of University Teachers

Category I : Teaching, Learning and Evaluation Related Activities

(i) Lecture, Seminars, Tutorials, Practicals, Contact Hours

S.No.	Course/Paper	Level	Mode of teaching	No. of classes per week allotted	No. of Classes conducted	% of Classes/ Practical taken as per documented record
1.	Milk Processing & Management Beverage Technology	M.Sc. M.Sc.	Lecture, Practical, Tutorial, Seminar	As per UGC Norms	As Allotted	100%
2.	Dairy Technology	B.Sc.	Lecture, Practical, Tutorial, Seminar	As per UGC Norms	As Allotted	100%
						API Score
a)	Classes Taken (Max 50 for 100% performance & proportionate score up to 80% performance, below which no score may be given)					45
b)	Teaching Load in excess of UGC norm (max score:10)					--

(ii) Preparation and imparting of knowledge/instruction as per curriculum: syllabus enrichment by providing additional resources to students

S.No.	Course/Paper	Consulted Book	Additional Resource Provided
1.	Milk Processing & Management	Sukumar De, 2001. <i>Outlines of Dairy Technology</i> , Oxford University Press. Dairy Technology: <i>Principles of milk Properties and Processes</i> . Marcel Dekker Inc.,1999. Thompkinson T.K., Sabiki L.2006. <i>Laboratory Manual on market Milk</i> . NDRI Publication.	Self-designed & hosted website for lectures on Dairy Technology (PPT and PDF) at www.dairytechnology.in Documentary/movies on milk processing
2.	Beverage Technology	N. Shakuntla Manay and M. Shadaksharaswamy. <i>Foods Facts and Principles</i> . 2008. New Age International (P) Ltd., New Delhi. Andrews S., <i>Food and beverage science</i> . Tata McGraw Hill Publishing Co. Ltd., New Delhi. 1980.	Self-designed & hosted website for lectures in Beverage Technology (PPT&PDF) at www.beveragetechnology.in Documentary/movies on beverage manufacturing at Youtube

3.	Dairy Technology	<p>Gerald Reed.1987.Prescott & Dunn's <i>Industrial Microbiology</i>. CBS Publishers & Distributors, Delhi.</p> <p>Sukumar De, 2001. <i>Outlines of Dairy Technology</i>, Oxford University Press.</p> <p>Dairy Technology: <i>Principles of milk Properties and Processes</i>. Marcel Dekker Inc.,1999.</p> <p>Thompkinson T.K., Sabiki L.2006. <i>Laboratory Manual on market Milk</i>. NDRI Publication.</p>	<p>Self-designed & hosted website on Dairy Technology www.dairytechnology.in</p> <p>Documentary/movies on milk processing at Youtube</p>
Max. Score 20			API Score - 20

(iii) Use of Participatory and innovative Teaching-learning Methodologies, Updating of subject contents

Short Description	API Score	
<p>Member-Board of Studies (Food Technology) 2006-2010)</p> <p>Major contribution in designing course structure & syllabi for the M.Sc. & B.Sc. degree programmes.</p> <p>Major contribution in designing ordinances for M.Sc. & B.Sc. degree programmes.</p> <p>Setup Webserver (IIS) for hosting websites for scientific literature in Dairy Technology (www.dairytechnology.in)/ Beverage Technology (www.beveragetechology.in). Also providing information on ASRB NET preparation/Probiotics/Soybean / Milk quality with subdomains of Institutional website www.iftbu.in and personal domain www.manojkumar.co.in</p> <p>Solely designed & hosted Institutional website www.iftbu.in consisting of huge Institutional information.</p> <p>Member of Academic Council</p>		<p>https://www.iftbu.in/academics/course-structure</p> <p>https://www.iftbu.in/academics/syllabus</p> <p>https://www.dairytechnology.in/</p> <p>https://www.beveragetechology.in/</p> <p>https://www.iftbu.in/</p>
Max. Score : 20	20	

(iv) Examination Duties Assigned and Performed (Invigilation, question paper setting, evaluation/ assessment of answer scripts)

S.No.	Type of Examination Duties	Extent to which carried out (%)	API Score	Page No.
1.	Invigilation in Departmental Sessional Examination & Semester Examination	100%		NA
2.	Question Paper Setting for UG & PG degree programme (BU, NIFTEM, Srinagar University)			
3.	Question Paper Evaluation & Assessment of Answer Scripts for UG & PG degree programme (BU, NIFTEM, Srinagar University)			
4.	Practical Examiner for PG & UG level			
5.	Member: UFM Committee Observer: B.Ed. Entrance examination Observer: U.P.T.U. Entrance examination at Kanpur			
	Max. Score : 25		25	

Category II: Co-Curricular, Extension, Professional Development Related Activities

S.No.	Type of Activity	API Score	Encl. No./ Page No.
i.	Extension & Field Based Activities		
a.	Designed & Hosted Institutional website www.iftbu.in, scientific facts of soybean therapeutics/health risks as www.soybean.net.in, Probiotics as www.probiotics.net.in, ASRB NET Preparation material on www.asrbnet.in, Manual of milk testing as www.milkquality.in (Currently domains are inactive)		
b.	Contributed in organizing Food/Nutrition/Malnutrition etc. awareness programmes on every World Food Day 16 th October.		
c.	Provided facility and computer knowledge to the under privileged children of the city in association with Rajiv Gandhi Computer Saksharta Mission (RGCSM), Lucknow, an enterprise of Ministry of HRD.		
d.	Contributed in organizing UGC/MFPI sponsored National seminars at the Institution.		
e.	Participated in tree plantation and other recreational activities of the University.		
	Total (Max. Marks : 20)		20

ii.	Contribution to Corporate Life and Management of the Institution		
a.	Conducted Industrial visit to Dabra/Gwalior, Kanpur, Karnal, Delhi, Pantnagar 2005-2010.		
b.	Significantly contribute in the work related with admissions, examinations, designing of class time-table, examination schedule, and invigilation for the semester (M.Sc.) and annual academic (B.Sc.) programmes since inception of the Institution.		
c.	Performed work related with posting of marks, tabulation of marks, verification of UFM etc.		
	Total Max : 15	15	
iii.	Professional Development Activities		
a.	Attended National Seminar on “Impact of ICT on Education & Research in Indian Universities” UGC-ASC, LNIPE, Gwalior.16 th Feb-17 th Feb, 2009		Page No.42
b.	Attended Workshop on “Recent Advances in Polymers and its applications”. Bundelkhand Institute of Engineering and Technology, Jhansi. December 1-2, 2006		Page No.43
c.	Attended Workshop on the “Role of Census in the Development of Bundelkhand”. Directorate of Census Operations, UP, Gov. of India & UGC. Institute of Economics & Finance,BU, Jhansi.27 March, 2006		Page No.44
d.	Participated in the UGC Sponsored Orientation programme at Academic Staff College, Laxmibai National institute of Physical Education, Gwalior, MP. 21st Jan-17 th Feb, 2009.		Page No.48
e.	Participated in 23 rd Training programme on “Sensory and related techniques for evaluation of Dairy Foods” Organized by Centre of Advanced Studies in Dairy Technology Division, NDRI.Karnal. 17th June-07 th July, 2008.		Page No.49
f.	Attended National Seminar on “ Financial Sector Reforms: Present and has Future Prospects” organized by Institute of Economics & finance, Bundelkhand University, Jhansi. 29.03.2008.		Page No.50
	Total max : 15	15	
	Total Score (I+II+III) Max : 25	25	

Category III: Research Publication & Academic Contribution

III (A) Research Papers Published in:

Published Papers in Journals – Nil

Title with Pg. No.	Journal Name/published Year	ISSN/ISBN	Whether peer review/ Impact Factor,	No. of Co-author	Whether you are the main author	API score	Encl. No./ Page No.
						00	

III (B) Research Publications (books, chapters in books, other than referred journal articles)

Books Published:

Printed Book: Nil

Title with Page No.	Year	Publisher	ISBN No.	Authors	API	Page No.

Electronic Book/Domain/Websites: 04

Title/ Homepage	Domain Registrant	Publisher /Host	DNS	URL	API	Page No.
Dairy Technology	Godaddy	Google	DNSexit	https://www.dairytechnology.in/	3	41
Beverage Technology	Godaddy	Google	DNSexit	https://www.beveragetechology.in/	3	41
Milk Testing	Godaddy	Google	DNSexit	https://sites.google.com/view/iftbu-dairytechnology/dairy-technology/milk-practicals-experiments	3	41
Institute of Food Technology	Godaddy	IIS (Self-Hosted)	DNSexit	https://www.iftbu.in/	3	41
Personal Blog	Godaddy	IIS (Self-Hosted)	DNSexit	https://www.manojkumar.co.in/	3	41
World Food Day 2004,2016	Godaddy	IIS (Self-Hosted)	DNSexit	https://www.iftbu.in/ift-books-magazine/ift-magazine/published-on-occasion-of-world-food-day-2004 https://www.iftbu.in/ift-books-magazine/ift-magazine/published-on-occasion-of-world-food-day-2016	3	41

API-18

III (C) Research Projects and Consultancies

Ongoing and Completed Research Projects and Consultancies –Nil

Pl. or Co-PI/ Associated Scientist	Title of Project (s)	Year	Amount	Funding agency

API-00

III (D) Research Guidance

Research Guidance-Ph.D.: Nil

Name of Students	Thesis Title	Guide/Co-Guide	Awarded/Pursuing

Research Guidance-M.Phil.: Nil

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Research Guidance-M.Sc.: (Page No. 45,46,47 Not available for the year 2006,2007)

Name of the Students (M.Sc.)	Thesis Title	Guide /Co-uide	Awarded /Pursuing
2006 (04)			
MFT/06/15	Mohammad Nasim	Method of rice bran stabilization for FFA, control and long period of storage through wet heat.	Guide Awarded
MFT/06/35	Reena Bharti	Studies on manufacturing process & Quality analysis of the products in a Soft drink Industry.	Guide Awarded
MFT/06/53	Vijay Kr. Masiwal	Determination of efficiency of bactofugation in term of anaerobic spore formers in milk during processing.	Guide Awarded
MFT/06/56	Neha Jain	Studies on manufacturing & Physico-chemical analysis of Biscuits.	Guide Awarded
<u>2007 (05)</u>			
MFT/07/41	Sonal Sahu	Studies on Manufacturing process of milk Casein.	Guide Awarded
MFT/07/15	Dolly Kaushal	Studies on products of Dukes and GMP.	Guide Awarded
MFT/07/18	Kuldeep Sahu	Studies on manufacturing of carbonated soft drinks.	Guide Awarded

MFT/07/19	Laxmi Sahu	Chemical & Microbiological analysis of milk products.	Guide	Awarded
MFT/07/16	Hardesh Rajput	Development of peanut milk based acceptable curd.	Guide	Awarded
<u>2008 (07)</u>				
08172013	Geetanjali	Isolation, identification and inoculation of probiotic bacteria.	Guide	Awarded
08172014	Gurdeep Kour	Studies on Manufacturing of Probiotic soy-yoghurt.	Guide	Awarded
08172015	Hemanshu Singhal	Beer production form wheat malt.	Guide	Awarded
08172016	Kameshwari Singh	Production and processing of non-carbonated beverage.	Guide	Awarded
08172017	Kamini Agarwal	Storage stability of buffalo milk by activation of LP system.	Guide	Awarded
08172018	Mamta Verma	Studies on Processing & Manufacturing of soft drinks.	Guide	Awarded
08172025	Prerna Prabhakar	Studies on establishment of weight gain/loss for wheat during storage in covered/open areas of the year at specified warehouse.	Guide	Awarded
<u>2009 (06)</u>				
09172023	Rekha Patel	Storage stability of Market bread.	Guide	Awarded
09172031	Shahaymeer Ahmad	Studies on raw materials & packaging materials for carbonated soft drinks.	Guide	Awarded
09172013	Kavita Kushwaha	Study on processing & manufacturing of chocolate products.	Guide	Awarded
09172011	Jitendra kumar	Studies on raw materials & packaging materials for bread manufacturing.	Guide	Awarded
09172006	Ashish Gupta	Studies on beer manufacturing.	Guide	Awarded
09172029	Sanjay Prasad	A study on production, composition & adulteration of milk.	Guide	Awarded

<u>2010 (05)</u>				
10172003	Ravi Jha	Studies on manufacturing of soy-yoghurt.	Guide	Awarded
10172009	Ankita Gupta	Studies on application of LP- system in cow milk.	Guide	Awarded
10172015	Rahul Kumar Basediya	Studies on manufacturing of apple cider.	Guide	Awarded
10172021	Richa Diwedi	Isolation, identification and inoculation of yoghurt bacteria.	Guide	Awarded
10172027	Dileep Kumar	Study on production of beer using lemon grass and tulsi.	Guide	Awarded
Total Students:28		28x2=56		

API-56

III (E) [i] Training Courses and Conference/Seminar/Workshop Papers

Programme	Duration	Organized by	API Score	Encl. No./ Page No.
Participated in 23 rd Training programme on “Sensory and related techniques for evaluation of Dairy Foods, Organized by Centre of Advanced Studies in Dairy Technology Division, NDRI	21 Days 17 th June-07 th July, 2008	Dairy Technology Division NDRI, Karnal, Haryana	20	Page No. 40
Participated in the UGC Sponsored Orientation programme at Academic Staff College, Laxmibai National institute of Physical Education, Gwalior, MP	21st Jan-17 th Feb, 2009	UGC Academic Staff College, LNIUP, Gwalior, MP	20	Page No.39
		Max. Score 30	API-30	

III (E) [ii] Paper Presented in Conferences, Seminars/ Workshop etc.

S. No.	Title of the Paper Presented	Title of Conference/ Seminar	Organised by	Whether International / National	API Score	Page No.
1.	ICT and social development	National Seminar on “Impact of ICT on Education & Research in Indian Universities”	UGC-ASC, LNIPE, Gwalior 16 th Feb-17 th Feb, 2009	National	7.5	42
2.	Impact of Financial Sector Reforms on Agricultural Growth in India	National Seminar on “ Financial Sector Reforms: Present and has Future Prospects”	Institute of Economics & Finance, Bundelkhand University, Jhansi 29 th March, 2008	National	7.5	50
					API-15	

III (E) [iii] Invited Lecture or presentations for Conferences / Symposia

Title of Conference/seminar etc.	Date of event	Organized by	API score	Page No.
Gastrointestinal Tract & Probiotics	28.12.2009	Department of Community Medicine, UP University of Medical Sciences, Safai, Etawah	5.0	51
Potential benefits of soybean	29.12.2009	Department of Community Medicine, UP University of Medical Sciences, Safai, Etawah	5.0	51
Sensory evaluation of milk chocolate	20.06.2008	Dairy Technology Division, NDRI, Karnal, Haryana	5.0	52
Sensory evaluation of dried milks	05.07.2008	Dairy Technology Division, NDRI, Karnal, Haryana	5.0	52
Computer Hardware Repairing & maintenance	02.02.2008	RGCSM, Jhansi	5.0	53
Windows setup & Troubleshooting	04.02.2008	RGCSM, Jhansi	5.0	53
Internet and Local Area Networking	19.10.2009	RGCSM, Jhansi	5.0	54
Designing Websites in Frontpage of MS office 2003	24.10.2009	RGCSM, Jhansi	5.0	54
IIS Setup and Web Hosting	25.10.2009	RGCSM, Jhansi	5.0	54
Domain Registration & DNS setup	27.10.2009	RGCSM, Jhansi	5.0	54

Milk Processing Operations	27.04.2009	IET,Bundelkhand University	5.0	55
Technology of Fermented Milk Products	25.03.2009	IET,Bundelkhand University	5.0	56
Present Scenario of Market Milk Industry in India	17.08.2007	IET,Bundelkhand University	5.0	57
Alcoholic Fermentation in Beer & Wine	13.10.2008	IET,Bundelkhand University	5.0	58
			API-70	

IV. Summary of API Scores

	Criteria	Total – API Score for Assessment Period	Annual Av. API Score for Assessment Period	Verified API Score
I	Teaching, Learning and Evaluation related activities	110		
II	Co-curricular, Extension, Professional development etc.	50		
	Total I + II	160		
III	Research and Academic Contribution	189		
	Total Score	349		

Part C: Other Relevant Information

- (i) Proficient in domain publication with personal and third party hosting. A number of domain was published for scientific literature in Food Science and Technology as well as for basic education. Currently content have been shifted to subdomains of certain major domain due to unnecessary cost input for registration of domain annually.

(ii) **Skills**

Basic Computer Skills

Proficient user of M.S. Office Word/Power Point/Excel/Front Page

Proficient user of Paint, Adobe Photoshop/Image Ready/Dream Weaver

Proficient user of Multimedia applications, Audio/Video editing, Animation

Proficient user of Internet/Network applications and resources

Conversant with VGA/RCA/RBG/HDMI/Component/USB/2.1,5.1 Audio connections & Devices

Advanced Computer Skills

Proficient in Computer Assembling /Windows installation and Software Troubleshooting

Proficient in Internet and Network connection setup, sharing and Troubleshooting

Proficient in WiFi/Bluetooth/SAMBA sharing

Proficient in HTTP and FTP services setup via Internet Information Services (IIS) Manager, FTP Authorization & Authentication

Proficient in DNS setup and Web Hosting

Proficient in Web Designing

Conversant with Broadband Router setup for Port Forwarding/HTTP/FTP/DMZ/NAT,

Conversant with Remote Desktop setup, VPN connection setup

Conversant with CCTV and IP camera monitoring, DVR, NVR Setup for remote access

Conversant with Windows/Wii Media Center Applications

Other Computer Skills

Proficient in Wii (Nintendo, Game console) rooting and Homebrew installation

Proficient in Mobile rooting and Flashing ROM: Android 4.4.2, Kit Kat, Marshmallow or Lollipop

Conversant with ChromeCast Setup and applications

Day to Day Skills

Proficient in repairing of electrical devices i.e. fans, light, induction cooker, microwave oven, summer cooler, refrigerator, AC, printer, UPS, inverter etc.

I certify that the information provided is correct as per records available with the university and/or documents enclosed along with the duly filled CAS Performa.

Date:

Place: Jhansi

(Manoj Kumar)

Assistant Professor

Institute of Food Technology
Bundelkhand University, Jhansi

(Shiv Kumar Katiyar)

Professor & Head,

Institute of Food Technology
Bundelkhand University, Jhansi