



Dr. YSP UH&F-Nauni, Solan
O/o The Vice - Chancellor
Diary No. 1879
Date: 27.09.21

**Indian Council of Agricultural Research**  
**(Agricultural Education Division)**  
**Krishi Anusandhan Bhavan-II, Pusa,**  
**New Delhi -110012**

SPEED POST

F.No. 1/ 43/2019-EQR.Edn

Dated: 30 September, 2021

✓ To

The Vice- Chancellor,  
 Dr.Y.S.Parmar University of Horticulture and Forestry,  
 Nauni, Solan-173230, Himachal Pradesh

30 SEP 2021  
 CENTRAL DIARY  
 6033

Sir,

Based on the LoI, IEA, Statement of Compliance and Self Study Report submitted by the University and subsequent report of Peer Review Team, the National Agricultural Education Accreditation Board of ICAR in its XXVIII meeting held on August 17, 2021 approved accreditation of Dr. Y.S. Parmar University of Horticulture and Forestry for a period of five years i.e. from 16.03.2020 to 15.03.2025 with overall Score of 2.98 equivalent to Grade 'B'.

The details of accredited programme & college of the University along with remarks made by the Board are enclosed herewith as Annexure-I and Annexure-II respectively. Accreditation to the university has been granted with the following conditions:-

1. The University is required to address the observations of the Board in a time bound manner. As per the Board decision, a Mid-term review will be conducted.
2. Board further decided that student intake in the programme and strength of faculty/technical /supporting staff as listed in Self Study Reports and undertaking given by the registrar during Peer Review, if any, must be maintained by the university/College/Programme throughout the accreditation period.
3. University should annually upload intake of students in all accredited programmes and College /programmes faculty positions on its website and convey the copy of same to NAEAB before starting of admissions.

Registrar 28/9  
 27/9/21  
 27/9/2021

Yours faithfully,

(P.S.Pandey)

Assistant Director General (EQR)

Encl: As Above

Copy to:

1. The Office of the Chancellor, Himachal Pradesh Raj Bhavan, Chotta Shimla, Shimla, Himachal Pradesh 171002
2. Office of the Chief Secretary, Deptt of Personnel, H.P.Secretariat, Shimla-171002, H.P.
3. The Principal Secretary (Agriculture), Directorate of Agriculture, Krishi Bhawan, Boileauganj, Shimla-171005, H.P.

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Annexure-I

**Dr.Y.S. Parmar University of Horticulture and Forestry, Solan, H.P.**

1. Board approved the accreditation of following for a period of five years:

1.1 Programmes in the Colleges

**A. College of Horticulture at Nauni, Solan**

- B.Sc. (Hons)-Horticulture
- M.Sc. (Hort)-Vegetable Science
- PhD in Vegetable Science
- M.Sc. (Hort)-Fruit Science
- PhD in Fruit Science
- M.Sc. (Hort)-Floriculture and Landscape Architecture
- PhD in Floriculture and Landscape Architecture
- M.Sc. (Ag)-Plant Pathology
- PhD in Plant Pathology
- M.Sc. (Ag)-Agricultural Entomology
- xi. PhD in Agricultural Entomology
- M.Sc. (Ag)-Seed Science and Technology
- PhD in Seed Science and Technology
- M.Sc. (Food Technology)
- PhD in Food Technology
- M.Sc. (Molecular Biology & Biotechnology)
- PhD in Molecular Biology & Biotechnology
- MBA (Agribusiness Management)
- PhD in Agribusiness Management

**B. College of Forestry at Nauni, Solan**

- B.Sc. (Hons)-Forestry
- M.Sc. (Forestry) in Silviculture & Agroforestry
- PhD in Silviculture & Agroforestry
- M.Sc. (Forestry) - Tree Improvement & Genetic Resources
- PhD in Tree Improvement & Genetic Resources
- M.Sc. (Forestry) in Forest Products
- PhD in Forest Products

**C. College of Horticulture and Forestry, Neri, Hamirpur**

- B.Sc.(Hons)-Horticulture
- B.Sc. (Hons)-Forestry

2. The Following PG/PhD Programmes were not approved for accreditation as they did not get the minimum score for accreditation, or the Nomenclature of the

Degree is not as per ICAR guidelines:

- M.Sc. (Hort)-Spices, Plantation, Medicinal & Aromatic Crops (at College of Horticulture, Nauni, Solan. No separate faculty with this specialization),
- M.Sc. (Ag)- Soil Science & Water Management at College of Forestry, Nauni, Solan.
- M.Sc. (Ag)-Social Science at College of Forestry, Nauni
- M.Sc. (Environment Science) at College of Forestry, Nauni.
- B.Sc. (Hons) Molecular Biology & Biotechnology at College of Horticulture and Forestry, Neri, Hamirpur

3. The following PG Programmes at College of Horticulture and Forestry, Neri-Hamirpur are **approved** as separate SSRs for PG Programmes were not available /not submitted by the University/College:

- M.Sc. (Hort)-Fruit Science at CoH&F, at Neri-Hamirpur,
- M.Sc. (Hort)-Vegetable Science at CoH&F at Neri-Hamirpur,
- M.Sc. (Ag)-Agricultural Entomology at CoH&F at Neri-Hamirpur,
- M.Sc (Ag)-Plant Pathology at CoH&F at Neri-Hamirpur,
- M.Sc. (Food Technology) at CoH&F at Neri-Hamirpur
- M.Sc (Agroforestry) at CoH&F at Neri-Hamirpur
- M.Sc. (Ag) Agricultural Economics at CoH&F at Neri-Hamirpur
- M.Sc (Molecular Biology & Biotechnology) at CoH&F at Neri-Hamirpur
- M.Sc (Ag) Soil Science at CoH&F at Neri-Hamirpur

4. The Following three Colleges under Dr.Y.S.Parmar University of Horticulture and Forestry were approved for accreditation for a period of five years:

- College of Horticulture, Nauni, Solan
- College of Forestry, Nauni, Solan
- College of Horticulture and Forestry, Neri, Hamirpur

5. Dr. Y.S. Parmar University of Horticulture and Forestry, Solan, H.P. was approved for Accreditation for a period of five years with Score of 2.98 equivalent to Grade 'B'.

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

Assessment of the College

Name of the College: College of Forestry, Solan

Sl. No	Criteria	Key aspects	Assessment of the peer review team (Maximum three points)
1	College Administration	i. Dean's office establishment	1. The SSRs have not been prepared as per the ICAR Guidelines.  2. The Dean's office is there with necessary infrastructure and manpower.  3. Board of studies is there in place.  4. There should be committee on prevention of sexual harassment of women at college level also.  5. The examination halls also should have CCTV for monitoring.  6. The on-line monitoring mechanism has to be strengthened.
		ii. Monitoring mechanism (on-line)	
		iii. CC/Board of studies/Academic council	
		iv. Anti-Ragging Cell	
		v. Biological waste disposal faculty	
		vi. Institutional ethics committee for experiment on animals	
		vii. Committee for prevention of sexual harassment of women on work places	
2	Faculty	i. Faculty strength	1. There are 6 Departments, but constitution of departments is not as per the direction of the 5th Deans committee recommendations of the ICAR.
		ii. Faculty profile (Department wise)	
		iii. Credentials of the faculty	

		iv.	Technical staff and other supporting staff	<p>2. There are 47 faculty and most of them have PhD degree.</p> <p>3. However, No ITR of faculties have been provided.</p> <p>4. The technical and supporting staff are sufficient in number.</p>
3	Learning resources	i.	College library (digital)	<p>1. There is no separate college library.</p> <p>2. The university library is well equipped with 74,578 documents which includes print documents, back volumes of journals, thesis, e-books etc., apart from 36 titles (99 volumes) of Braille books and 11 audio CDs.</p>
		ii.	Laboratories, Instructional farm/workshop/dairy plant/veterinary clinic/hatchery and ponds etc.	<p>1. There are 7 UG class rooms and 7 PG class rooms for theory.</p> <p>2. There are 10 laboratories for UG and 20 laboratories for PG</p>
		iii.	Student Ready/ In-plant training/ Internship/ skill development/Modules/ Experimental learning modules etc.	<p>1. ELU programmes are supported by ICAR.</p> <p>2. One unit is running with income generation but details on sale and income generation are not mentioned about second programme.</p>
		iv.	Curricula delivery through IT (like smart classrooms: interactive boards etc.)	<p>1. ICT is used in curricula delivery. But it needs to be improved.</p>

4	Student development	i.	Student intake and attrition for last five years	<ol style="list-style-type: none"> <li>The student intake ranged from 115 in UG, 38 in PG and 20 in PhD to 138, 75 and 46 respectively with an average attrition of 12.37% in five years.</li> <li>Students in practical classes are very high with 50-55 per batch.</li> <li>The admission is through an entrance examination process.</li> <li>The final examination paper is set by external but evaluation is done internally.</li> <li>There is no language laboratory</li> </ol>	
		ii.	Average number of students in theory and practical classes		
		iii.	Admission process		
		iv.	Conduct of practical and hands-on-training		
		v.	Examination and evaluation process		
		vi.	NSS/NCC/RVC units		
		vii.	Language laboratory		
		viii.	Cultural Centre		
		ix.	Personality development		
5	Physical facilities	i.	Hostel (both boys and girls) and its amenities	<ol style="list-style-type: none"> <li>There are nine girls hostels, six boys hostels and one international hostel on university campus.</li> <li>There are 3 examination halls.</li> <li>The campus has enough sports and recreation facility.</li> <li>There is one unit each of boys and girls battalions of NCC</li> </ol>	
		ii.	Examination halls		
		iii.	Sports and recreation facilities		
		iv.	Auditorium		
		v.	Exhibition hall, museum		
6	Research facilities	i.	PG laboratories and equipment	<ol style="list-style-type: none"> <li>There are 20 PG Laboratories with necessary equipments.</li> <li>The budget allocated for the College of Forestry, Solan ranged from Rs.17.75 to Rs.93.82 lakhs annually during the last 5 years.</li> </ol>	
		ii.	Research contingency		
7	Outcome output	v.	Student performance in national examination (such as	<ol style="list-style-type: none"> <li>36 students secured JRF, 5 students SRF</li> </ol>	

		ICFRE'SRF-ARS)		and 82 students cleared NET, 66 students cleared ICFRE PG Entrance examinations during the last 5 years.	
		vi	Student's placement profile	2. Eleven students cleared ICAR-ARS exams.	
		vii	Awards/recognition/certificates	3. Around during the period and 27 cleared other examinations.	
		iii	Employability	4. Around 26 faculty and 9 students bagged awards and recognitions during the period.	



**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

**Assessment of the College**

Name of the College: College of Horticulture and Forestry, Neri, Hamarpur

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum three points)
1.	College Administration	i. Dean's office establishment	1. Initially in the year 2011, the College started as Institute of bio-tech And environmental Sciences  2. Renamed as COH & F in 2014 and became the 3rd constituent college of <u>Dr.YSP University of Horticulture and Forestry</u> . Having 3 graduate programs viz. BSc(Hons) Hort. BSc(Hons), Bio-Tech and BSc (Hons) Forestry  3. 5 <sup>th</sup> Dean committee recommendations are implemented from academic year 2017 – 18
		ii. Monitoring mechanism (on-line)	
		iii. CC/Board of studies/ Academic council	
		iv. Anti-Ragging Cell	
		v. Biological waste disposal faculty	
		vi. Institutional ethics committee for experiment on animals	
		vi. i. Committee for prevention of sexual harassment of women on work places	
2	Faculty	i. Faculty profile (Department wise)	1. The faculty strength is presently 33(6 professors. 27 assistant professors)   2. All the faculty except one are with PhD qualification
		ii. Credentials of the faculty	
		iii. Technical staff and other supporting staff	
3	Learning resources	i. College library (digital)	1. The common library for the college houses > 3000 books along with magazine's and periodicals. 2000 e-journals through Cera  2. The college has 13 departments and PG program is offered in 9
		ii. Laboratories, Instructional farm/workshop/dairy plant/veterinary clinic/ hatchery and ponds etc.	
		iii. Student Ready/ In-plant training/ Internship/ skill	

			development/Module s/ Experimental learning modules etc.	departments.
		iv	Curricula delivery through IT (like smart classrooms/ interactive boards etc.)	3. ICT facilities are available but it needs to be further strengthened.
4	Student development	i.	Student intake and attrition for last five years	1. Since 2015 students numbering- 264 BSc (Hons) Hort, 75 BSc (Hons) Forestry, 119 BSc(Hons) Bio-Tech passed out of the college. Totaling to 458 number.
		ii.	Average number of students in theory and practical classes	2. The number of students in theory and practicals is as per the guidelines.
		iii.	Admission process	3. There is no Language laboratory.
		iv.	Conduct of practical and hands-on-training	
		v.	Examination and evaluation process	
		vi.	NSS/NCC/RVC units	
		vi i.	Language laboratory	
		vi ii.	Cultural Centre	
		ix.	Personality development	
5	Physical facilities	i.	Hostel (both boys and girls) and its amenities	1. Hostels are available and sufficient.
		ii.	Examination halls	2. There is no examination hall with necessary CCTV facility.
		iii.	Sports and recreation facilities	3. Instructional farm is available.
		iv.	Auditorium	
		v.	Exhibition hall/museum	
6	Research facilities	i.	PG laboratories and equipment	1. The main college building is 5 storied, comprising of 17 laboratories.
		ii.	Research contingency	2. In addition separate buildings exist for Department of food science and technology, agro processing and faculty

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				centre of the college.	
				3. Funds from the self-financing schemes are the major source of funding to the college.	-
7	Outcome/output	i.	Student performance in national examination (such as JRF/SRF/ARS)	1. 105 students got JRF during the last 5 years and 7 students other examinations.	-
		ii.	Student's placement profile	2. 34 students were appointed as HEOs or HDOs in State Horticulture Department.	-
		iii.	Awards/recognition/certificates	3. 11 students were placed in other services.	-
		iv.	Employability	4. The overall employability of students is very low during the last 5 years.	-

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
**Indian Council of Agricultural Research**

**Assessment of the College**

Name of the College: College of Horticulture, Solan

Sl. No.	Criteria		Key aspects	Assessment of the peer review team (Maximum three points)	Submission of the College
1.	College Administration	i.	Dean's office establishment	<ul style="list-style-type: none"> <li>Sufficient infrastructure as well as staff is available in Dean's office. However, the post of Dean needs to be filled through selection process.</li> <li>Monitoring mechanism exists, but needs strengthening for better output</li> <li>Committee is constituted every year, but it should involve girl students.</li> </ul>	
		ii.	Monitoring mechanism (on-line)		
		iii.	CC/Board of studies/ Academic council		
		iv.	Anti-Ragging Cell		
		v.	Biological waste disposal faculty		
		vi.	Institutional ethics committee for experiment on animals		
		vii.	Committee for prevention of sexual harassment of women on work places		
2.	Faculty	i.	Faculty strength	<ul style="list-style-type: none"> <li>There are 148 sanctioned posts of which 92 are filled.</li> <li>Department wise faculty positions are sufficient as per ICAR recommendation, except for Basic Science Disciplines.</li> <li>There is need to make provision for higher education as well as HRD.</li> </ul>	
		ii.	Faculty profile (Department wise)		
		iii.	Credentials of the faculty		
		iv.	Technical staff and other supporting staff		

3	Learning resources	i.	College library (digital)	<ul style="list-style-type: none"> <li>KOHA is installed in library, but RFID system is also required.</li> <li>Number of books need to be increased.</li> <li>Six ELP modules are being run by the college, but actual profit sharing data are not available. which needs to be improved as per ICAR guidelines</li> </ul>
		ii.	Laboratories, Instructional farm/workshop/dairy plant/veterinary clinic/hatchery and ponds etc	
		iii.	Student Ready/ In-plant training/ Internship/ skill development/Modules/ Experimental learning modules etc.	
		iv.	Curricula delivery through IT (like smart classrooms/ interactive boards etc.)	
4	Student development	i.	Student intake and attrition for last five years	<ul style="list-style-type: none"> <li>Hands-on-training should be given due weightage and it should be organized as per guidelines.</li> <li>The mid-term evaluation should be conducted at the University level for UG programme.</li> <li>One unit of NSS activities are conducted only by the college, but two NCC unit are established.</li> </ul>
		ii.	Average number of students in theory and practical classes	
		iii.	Admission process	
		iv.	Conduct of practical and hands-on-training	
		v.	Examination and evaluation process	
		vi.	NSS/NCC/RVC units	
		vii.	Language laboratory	
		viii.	Cultural Centre	
		ix.	Personality development	
5	Physical facilities	i.	Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> <li>Sports and recreational</li> </ul>
		ii.	Examination halls	

		iii.	Sports and recreation facilities	facilities are sufficient	
		iv.	Auditorium		
		v.	Exhibition hall/museum	<ul style="list-style-type: none"> <li>One auditorium is available</li> <li>One museum is available. Further, each department has their own museum in lab.</li> </ul>	
6	Research facilities	i.	PG laboratories and equipment	<ul style="list-style-type: none"> <li>Each department has well equipped laboratories.</li> </ul>	
		ii.	Research contingency	<ul style="list-style-type: none"> <li>College has made provision to provide contingency to researchers.</li> </ul>	
7	Outcome/output	i.	Student performance in national examination (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> <li>During last 5 years, 4 students got selected for ARS, 26 students qualified for SRF. 2 students got Inspire Fellowship and 135 students cleared NET.</li> </ul>	
		ii.	Student's placement profile		
		iii.	Awards/recognition certificates		
		iv.	Employability	<ul style="list-style-type: none"> <li>However, there is need to have a Placement Cell and maintain proper record in the placement cell office.</li> <li>There is a need to improve the environment for employability in different area of horticulture.</li> </ul>	

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
B.Sc. (Hons.) Forestry

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. As per ICAR guidelines, separate SSR for programmes (B.Sc., M.Sc. and Ph.D.) are to be submitted. 2. It seems there is no external examination in B.Sc. (Hons.) Forestry programme. External examination with 50% marks as recommended in 5 <sup>th</sup> Deans Committee has not been followed. 3. No college Library being established. 4. No language laboratory & No counselling facility.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR-UGC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
M.Sc.(Forestry) in Silviculture and Agroforestry

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)	Recommendation of the AEB
	Programme accreditation	Faculty strength of the programme (as per the ICAR guidelines)	<p>1. Faculty positions are relatively good to conduct theory and practical classes. However, no Associate professors and NO minimum no. of Asst. Professors as the ICAR guidelines.</p> <p>2. No separate SSR for M.Sc./Ph.D programmes as mandated in ICAR guidelines.</p> <p>3. SSR did not show department level attrition, feedback of stakeholders etc.</p>	
		* Technical and supporting staff (as per the ICAR guidelines)		
		* Classrooms and laboratory (as per the ICAR guidelines)		
		* Conduct of practical and hands-on-training		
		* Number of students being supervised by faculty in case of Masters/Ph.D programme (as per the ICAR-UGC guidelines)		
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)		
		* Student intake and attrition in the programme for last five years		
		* ICT application in curricula delivery		



NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
PhD in Silviculture and Agroforestry

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. Faculty positions are relatively good to conduct theory and practical classes. However, no Associate professors and No minimum no. of Asst. Professors as the ICAR guidelines.  2. No separate SSR for M.Sc./Ph.D programmes as mandated in ICAR guidelines.  3. SSR did not show department level attrition, feedback of stakeholders etc.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and Laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR UGC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**

M.Sc. (Forestry) in Tree Improvement and Genetic Resources

S. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
	Programme accreditation	Faculty strength of the programme (as per the ICAR guidelines)	1. Associate professors and Asst. Professors are not in tune with ICAR.
		Technical and supporting staff (as per the ICAR guidelines)	2. No separate SSR for M.Sc./Ph.D programmes as mandated in ICAR guidelines has been submitted
		Classrooms and laboratory (as per the ICAR guidelines)	
		Conduct of practical and hands-on-training	3. SSR did not show department level attrition, feedback of stakeholders etc.
		Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR/UGC guidelines)	
		Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		Student intake and attrition in the programme for last five years	
		ICT application in curricula delivery	

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NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
\*PhD in Tree Improvement and Genetic Resources

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. Associate professors and Asst. Professors are not in tune with ICAR.  2. No separate SSR for M.Sc./Ph. D programmes as mandated in ICAR guidelines has been submitted.  3. SSR did not show department level attrition, feedback of stakeholders etc.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR/UGC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**  
**M.Sc. (Forestry) in Forest Products & Utilization**

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. No SSR for M.Sc./Ph. D programmes.
		* Technical and supporting staff (as per the ICAR guidelines)	2. No sufficient staff to guide. Associate Professors & Asst. professors are not in tune with ICAR recommendations.
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	3. SSR did not show department level attrition, feedback of stakeholders etc.
		* Number of students being supervised by faculty in case of Masters, Ph.D. programme (as per the ICAR/UGC guidelines)	4. Details of technical/supportive staff are not mentioned in the SSR.
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
\* Ph D (Forestry) in Forest Products & Utilization

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. No SSR for M.Sc./Ph. D programmes.  2. No sufficient staff to guide. Associate professors & Asst professors are not in tune with ICAR recommendations.  3. SSR did not show department level attrition, feedback of stakeholders etc.  4. Details of technical/supportive staff are not mentioned in the SSR.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR /UGC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**  
**M.Sc. (Forestry) in Soil Science & Water Management**

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. Nomenclature is not as per the ICAR guidelines.  2. No SSR for M.Sc./Ph.D programmes  3. No sufficient staff to guide.  Associate professors and Asst. Professors are not in tune with ICAR recommendations.  4. SSR did not show department level attrition, feedback of stakeholders etc.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on-training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR /LCC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

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**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**  
**PhD in Soil Science & Water Management**

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. Nomenclature is not as per the ICAR guidelines.  2. No SSR for M.Sc./Ph.D programmes  3. No sufficient staff to guide.  Associate professors and Asst. professors are not in tune with ICAR recommendations.  4. SSR did not show department level attrition, feedback of stakeholders etc.
		* Technical and supporting staff (as per the ICAR guidelines)	
		* Classrooms and laboratory (as per the ICAR guidelines)	
		* Conduct of practical and hands-on training	
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR/UGC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**  
**M.Sc in Environment Science**

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)	Suggested next steps
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. This Nomenclature is not there in ICAR Guidelines.  2. There is SSR submitted for this programme.	
		* Technical and supporting staff (as per the ICAR guidelines)		
		* Classrooms and laboratory (as per the ICAR guidelines)		
		* Conduct of practical and hands-on-training		
		* Number of students being supervised by faculty in case of Masters/Ph.D programme (as per the ICAR/UGC guidelines)		
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)		
		* Student intake and attrition in the programme for last five years		
		* ICT application in curricula delivery		



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Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

Assessment of the Programme  
PhD in Environment Science

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)	Remarks
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. This Nomenclature is not there in ICAR Guidelines.  2. There is SSR submitted for this programme.	
		* Technical and supporting staff (as per the ICAR guidelines)		
		* Classrooms and laboratory (as per the ICAR guidelines)		
		* Conduct of practical and hands-on training		
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR/UGC guidelines)		
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)		
		* Student intake and attrition in the programme for last five years		
		* ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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Name of the College: College of Forestry, Solan

Assessment of the Programme  
\*M.Sc. in Social Science

Sl. No.	Criteria	Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	* Faculty strength of the programme (as per the ICAR guidelines)	1. The Nomenclature of this degree programme is not as per the ICAR Guidelines.
		* Technical and supporting staff (as per the ICAR guidelines)	2. No SSR for M.Sc./Ph.D programmes.
		* Classrooms and laboratory (as per the ICAR guidelines)	3. Associate professors and Asst. professors are not in tune with ICAR recommendations.
		* Conduct of practical and hands-on training	4. SSR did not show department level attrition, feedback of stakeholders etc.
		* Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR AACC guidelines)	
		* Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		* Student intake and attrition in the programme for last five years	
		* ICT application in curricula delivery	

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**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

Name of the College: College of Forestry, Solan

**Assessment of the Programme**  
**\*PhD in Social Science**

Sl. No.	Criteria		Key aspects	Assessment of the peer review team (Maximum five bullet points for a programme)
1	Programme accreditation	*	Faculty strength of the programme (as per the ICAR guidelines)	1. The Nomenclature of this degree programme is not as per the ICAR Guidelines.  2. No SSR for M.Sc./Ph.D programmes.  3. Associate professors and Asst. professors are not in tune with ICAR recommendations.  4. SSR did not show department level attrition, feedback of stakeholders etc.
		*	Technical and supporting staff (as per the ICAR guidelines)	
		*	Classrooms and laboratory (as per the ICAR guidelines)	
		*	Conduct of practical and hands-on training	
		*	Number of students being supervised by faculty in case of Masters/Ph.D. programme (as per the ICAR/UGC guidelines)	
		*	Feedback of stakeholders (students, parents, industries, employers, farmers etc.)	
		*	Student intake and attrition in the programme for last five years	
		*	ICT application in curricula delivery	

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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PROFORMA FOR ASSESSMENT OF THE PROGRAMME  
B.Sc (Hons)-Horticulture at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team: (maximum five bullet points for the programme)	Assessment of the Programme
1. Program and accredita tion	• Faculty strength of the programme (as per ICAR guidelines)	i. Out of sanctioned posts, 92 positions are filled up, and 50 positions are still vacant. Most of the posts are filled in core departments.	
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Sufficient technical and supporting staff is available to conduct the practical's and hands on trainings.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Feedback from parents, farmers and other stakeholders should be collected and documented regularly for improvement.	
	• Conduct of Practical and Hands-on Training	iv. Hands-on-training is given to provide due weight age for quality education. Each batch has 50-60 students.	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. All the six UG class rooms have interactive board facility for effective teaching and learning.	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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PROFORMA FOR ASSESSMENT OF THE PROGRAMME  
M.Sc (Horticulture) in Vegetable Science Programme at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Score (out of 100)
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. Out of 13 sanctioned posts, ten post of Assistant Professor is vacant, needs to be filled up.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Student to teacher ratio is 2:1. Two students are guided by each teacher.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Attrition rate is negligible.	
	• Conduct of Practical and Hands-on Training	iv. Four Class rooms and laboratory and instructional facility are available.	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme as per ICAR/UGC guidelines)	v. Uses of ICT application is in practice.	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

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NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
PhD (Horticulture) in Vegetable Science Programme at College of Horticulture, Solan

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of
I. Program me accreditation	•	Faculty strength of the programme (as per ICAR guidelines)	i. Out of 13 sanctioned posts, ten post of Assistant Professor is vacant, needs to be filled up.	-
	•	Technical and Supporting staff (as per ICAR guidelines)		
	•	Classrooms and Laboratory (as per the ICAR guidelines)	ii. Student to teacher ratio is 2:1. Two students are guided by each teacher.	
	•	Conduct of Practical and Hands-on Training	iii. Attrition rate is negligible.	
	•	Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR UGC guidelines)	iv. Four Class rooms and laboratory and instructional facility are available.	
	•	Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	v. Uses of ICT application is in practice.	
	•	Student intake and attrition in the programme for last five years		
	•	ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

PROFORMA FOR ASSESSMENT OF THE PROGRAMME  
M.Sc (Hort)- Fruit Science at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Sub-panels of the College
1. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. Faculty position is Sufficient as per ICAR guideline.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii. There are sufficient technical and supporting staff.	-
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Class rooms facility is available, all laboratories equipments are necessary for research work.	-
	• Conduct of Practical and Hands-on Training	iv. Attrition is negligible.	-
	• Number of students being supervised by Faculty in case of Masters, PhD Programme (as per ICAR/UGC guidelines)	v. The ICT facility is available.	-
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
Ph D (Hort)- Fruit Science at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. Faculty position is Sufficient as per ICAR guideline.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii. There are sufficient technical and supporting staff.	-
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Classroom's facility is available, all laboratories equipments are necessary for research work.	-
	• Conduct of Practical and Hands-on Training	iv. More emphasize is given to field training for improvement of knowledge in fruit science.	-
	• Number of students being supervised by Faculty in case of Masters' PhD Programme (as per ICAR/UGC guidelines)	v. The feedback system has to be improved.	-
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		



**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**

M.Sc (Hort)- Floriculture & Landscape Architecture at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Remarks of the College
i. Programme accreditation	o Faculty strength of the programme (as per ICAR guidelines)	i. All sanctioned posts for the department are filled	-
	o Technical and Supporting staff (as per ICAR guidelines)	ii. The technical and supporting staff are sufficient.	-
	o Classrooms and Laboratory (as per the ICAR guidelines)	iii. Conduct of practicals and hands-on training are well structured.	-
	o Conduct of Practical and Hands-on Training	iv. There is no attrition in this programme.	-
	o Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. Though ICT is used in delivery of content it needs to be further improved.	-
	o Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	o Student intake and attrition in the programme for last five years		
	o ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

Indian Council of Agricultural Research

PROFORMA FOR ASSESSMENT OF THE PROGRAMME

Ph.D in Floriculture and Landscape Architecture at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Remarks
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i All sanctioned posts for the department are filled.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii The technical and supporting staff are sufficient.	-
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii Conduct of practicals and hands-on training are well structured.	-
	• Conduct of Practical and Hands-on Training	iv There is no attrition in this programme	-
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v Though ICT is used in delivery of content it needs to be further improved.	-
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

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## PROFORMA FOR ASSESSMENT OF THE PROGRAMME

M.Sc(Agriculture) in Plant Pathology at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There is a vacancy of 32 assistant professor in the department. Efforts needs to be made to fill these posts.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Technical and supporting staff is sufficient.	-
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Each faculty is guiding 1-2 students.	-
	• Conduct of Practical and Hands-on Training	iv. The feed back mechanism has to be improved.	-
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. The ICT infrastructure in the department may be strengthened.	-
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
Ph.D in Plant Pathology at College of Horticulture, Solan

Criteria	Key aspects		Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	•	Faculty strength of the programme (as per ICAR guidelines)	i. There is a vacancy of 32 assistant professor in the department. Efforts needs to be made to fill these posts.	-
	•	Technical and Supporting staff (as per ICAR guidelines)	ii. Technical and supporting staff is sufficient.	-
	•	Classrooms and Laboratory (as per the ICAR guidelines)	iii. Each faculty is guiding 1-2 students.	-
	•	Conduct of Practical and Hands-on Training	iv. The feedback mechanism has to be improved.	-
	•	Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. The ICT infrastructure in the department may be strengthened.	-
	•	Feedback of stakeholders (Students, Parents, Industries employers, farmers, etc.)		
	•	Student intake and attrition in the programme for last five years		
	•	ICT application in curricula delivery		

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
M.Sc (Ag)- Entomology at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Assessment of the College
I. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 8 Professors, and 3 Asst. Professor are engaged for overall activities. The vacant posts need to be filled at the earliest.	
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Only 50 percent Technical and supporting staff posts are filled up. Efforts needs to be made for filling vacant posts.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Practicals and hands-on training is being conducted well.	
	• Conduct of Practical and Hands-on Training	iv. Each faculty is guiding 3-5 students.	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. ICT facilities though available needs to be increased.	
	• Feedback of stakeholders (Students, Parents, Industries employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		



NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
Ph.D in Agricultural Entomology at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 8 Professors, and 3 Asst. Professor are engaged for overall activities. The vacant posts need to be filled at the earliest.  ii. Only 50 percent Technical and supporting staff posts are filled up. Efforts need to be made for filling vacant posts.  iii. Practicals and hands-on training is being conducted well.  iv. Each faculty is guiding 3-5 students.  v. The intake has ranged from 16-29 for M.Sc and 3-11 for PhD programmes during the last 5 years.	
	• Technical and Supporting staff (as per ICAR guidelines)		
	• Classrooms and Laboratory (as per the ICAR guidelines)		
	• Conduct of Practical and Hands-on Training		
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)		
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

# NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

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## PROFORMA FOR ASSESSMENT OF THE PROGRAMME

M.Sc (Ag)- Seed Science & Technology at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
1. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 4 Professor and 2 Asst. Professors engaged for overall activities.	-
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Technical and supporting staff needs to be improved.	-
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. The intake is variable from 8-12.	-
	• Conduct of Practical and Hands-on Training	iv. Classrooms and 3 functional laboratory facilities are available for quality research.	-
	• Number of students being supervised by Faculty in case of Masters, PhD Programme (as per ICAR/UGC guidelines)	v. The ICT could be improved.	-
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		



**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
Ph.D Seed Science & Technology at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	<ul style="list-style-type: none"> <li>• Faculty strength of the programme (as per ICAR guidelines)</li> <li>• Technical and Supporting staff (as per ICAR guidelines)</li> <li>• Classrooms and Laboratory (as per the ICAR guidelines)</li> <li>• Conduct of Practical and Hands-on Training</li> <li>• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)</li> <li>• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)</li> <li>• Student intake and attrition in the programme for last five years</li> <li>• ICT application in curricula delivery</li> </ul>	<ul style="list-style-type: none"> <li>i. There are 4 Professors and 2 Asst. Professors engaged for overall activities.</li> <li>ii. Technical and supporting staff needs to be improved.</li> <li>iii. The intake is variable from 8-12.</li> <li>iv. Classrooms and 3 functional laboratory facilities are available for quality research</li> </ul>	-

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
M.Sc (Food Technology) at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Signature of the College
i Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 4 Professors, and 3 Asst. Professor are engaged for overall activities. Sufficient to run all the PG degree programme only	
	• Technical and Supporting staff (as per ICAR guidelines)	ii. Technical and supporting staff posts are not sufficient for functioning of work.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. Classrooms and 7 functional laboratory facilities are available for quality research.	
	• Conduct of Practical and Hands-on Training	iv. Practical and hands-on training are conducted regularly in specialized labs.	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. ICT facility is available, but it needs to be strengthened.	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
**Ph.D (Food Technology) at College of Horticulture, Solan**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 4 Professors, and 3 Asst. Professor are engaged for overall activities. Sufficient to run all the PG degree programme only.  ii. Technical and supporting staff posts are not sufficient for functioning of work.  iii. Classrooms and 7 functional laboratory facilities are available for quality research.  iv. Practical and hands-on-training are conducted regularly in specialized labs.  v. ICT facility is available, but it needs to be strengthened.	
	• Technical and Supporting staff (as per ICAR guidelines)		
	• Classrooms and Laboratory (as per the ICAR guidelines)		
	• Conduct of Practical and Hands-on Training		
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)		
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
M.Sc (Molecular Biology and Biotechnology) at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Program me accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There is 1 Professor, and 13 Asst. Professor are engaged for overall activities. Sufficient to run all the Pg7 degree programme and;  ii. Technical and supporting staff posts are not sufficient for functioning of work.  iii. Classrooms and 6 functional laboratory facilities are available for quality research.  iv. Practical and hands-on-training are conducted regularly in specialized labs.  v. ICT facility is available, but it needs to be strengthened.	-
	• Technical and Supporting staff (as per ICAR guidelines)		
	• Classrooms and Laboratory (as per the ICAR guidelines)		
	• Conduct of Practical and Hands-on Training		
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)		
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
Ph.D (Molecular Biology and Biotechnology) at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There is 1 Professor, and 13 Asst. Professor are engaged for overall activities. Sufficient to run all the PG degree programme only.  ii. Technical and supporting staff posts are not sufficient for functioning of work.  iii. Classrooms and 6 functional laboratory facilities are available for quality research.  iv. Practical and hands-on training are conducted regularly in specialized labs.  v. ICT facility is available, but it needs to be strengthened.	
	• Technical and Supporting staff (as per ICAR guidelines)		
	• Classrooms and Laboratory (as per the ICAR guidelines)		
	• Conduct of Practical and Hands-on Training		
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)		
	• Feedback of stakeholders (Students Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

# NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

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## PROFORMA FOR ASSESSMENT OF THE PROGRAMME MBA (Agribusiness Management) at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	a. Faculty strength of the programme (as per ICAR guidelines)	i. The recommended faculty are there in positions, except one vacancy.	
	a. Technical and Supporting staff (as per ICAR guidelines)	ii. The department has 3 classrooms which are equipped with projection systems.	
	a. Classrooms and Laboratory (as per the ICAR guidelines)	iii. There is a computer laboratory with 4 PCs.	
	a. Conduct of Practical and Hands-on Training	iv. The number of students being guided by each faculty is in the range of 1-12, which is high. Proper student to teacher ratio has to be maintained.	
	a. Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. Feedback of stakeholders has to be more objectively documented.	
	a. Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	a. Student intake and attrition in the programme for last five years		
	a. ICT application in curricula delivery		

**NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD**  
**Indian Council of Agricultural Research**

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
**Ph.D (Agribusiness Management) at College of Horticulture, Solan**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. The recommended faculty are there in positions, except one vacancy.	
	• Technical and Supporting staff (as per ICAR guidelines)	ii. The department has 3 classrooms which are equipped with projection systems.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. There is a computer laboratory with 4 PCs.	
	• Conduct of Practical and Hands-on Training	iv. The number of students being guided by each faculty is in the range of 1-12, which is high. Proper student to teacher ratio has to be maintained.	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	v. Feedback of stakeholders has to be more objectively documented.	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		

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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
M.Sc. (Horticulture)-Spices, Plantation, Medicinal & Aromatic crops at College of  
Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)	Submission of the College
1. Programme Accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. The Nomenclature is not as per the ICAR Guidelines	
	• Technical and Supporting staff (as per ICAR guidelines)	ii. There are no faculty available specialized in this area.	
	• Classrooms and Laboratory (as per the ICAR guidelines)	iii. The same faculty of Department of Vegetable science are engaged in teaching and guiding the students.	
	• Conduct of Practical and Hands-on Training		
	• Number of students being supervised by Faculty in case of Masters- PhD Programme (as per ICAR, UGC guidelines)		
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)		
	• Student intake and attrition in the programme for last five years		
	• ICT application in curricula delivery		



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Indian Council of Agricultural Research

**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
M.Sc (Ag) in Soil Science and Water Management at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Programme accreditation	<ul style="list-style-type: none"> <li>• Faculty strength of the programme (as per ICAR guidelines)</li> <li>• Technical and Supporting staff (as per ICAR guidelines)</li> <li>• Classrooms and Laboratory (as per the ICAR guidelines)</li> <li>• Conduct of Practical and Hands-on Training</li> <li>• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)</li> <li>• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)</li> <li>• Student intake and attrition in the programme for last five years</li> <li>• ICT application in curricula delivery</li> </ul>	i. The Nomenclature is not as per the ICAR Guidelines.

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PROFORMA FOR ASSESSMENT OF THE PROGRAMME  
M.Sc(Ag) in Social Science at College of Horticulture, Solan

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. The Nomenclature is not as per the ICAR Guidelines.
	• Technical and Supporting staff (as per ICAR guidelines)	
	• Classrooms and Laboratory (as per the ICAR guidelines)	
	• Conduct of Practical and Hands-on Training	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	
	• Student intake and attrition in the programme for last five years	
	• ICT application in curricula delivery	

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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
**M.Sc(Environment Science) at College of Horticulture, Solan**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Programme accreditation	<ul style="list-style-type: none"> <li>• Faculty strength of the programme (as per ICAR guidelines)</li> </ul>	i. The Nomenclature is not as per the ICAR Guidelines.
	<ul style="list-style-type: none"> <li>• Technical and Supporting staff (as per ICAR guidelines)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Classrooms and Laboratory (as per the ICAR guidelines)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Conduct of Practical and Hands-on Training</li> </ul>	
	<ul style="list-style-type: none"> <li>• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Student intake and attrition in the programme for last five years</li> </ul>	
	<ul style="list-style-type: none"> <li>• ICT application in curricula delivery</li> </ul>	

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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
**B.Sc(Hons) Horticulture at College of Horticulture & Forestry, Nerl, Hamirpur,**  
**Himachal Pradesh**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Program me accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. There are 30 faculty in place against the requirement of 50 as per recommendation. These faculties are assigned responsibilities of multiple programmes.
	• Technical and Supporting staff (as per ICAR guidelines)	
	• Classrooms and Laboratory (as per the ICAR guidelines)	ii. There are only 22 technical and supporting staffs for all the programmes of UG/PG in Horticulture and Forestry. Rest is outsourced and is difficult to ascertain.
	• Conduct of Practical and Hands-on Training	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	iii. There are 4 classrooms and 17 laboratories. The number of equipments are not as per the ICAR guidelines.
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	iv. The Attrition was 1.4 to 15% during the last 5 years.
	• Student intake and attrition in the programme for last five years	v. The computer centre has got only 15 computers for an intake of 58 to 74 students per year in UG programme.
	• ICT application in curricula delivery	

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**PROFORMA FOR ASSESSMENT OF THE PROGRAMME**  
**B.Sc (Hons) in Molecular Biology & Biotechnology at College of Horticulture & Forestry, Neri, Hamirpur, Himachal Pradesh**

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. The SSRs have not been submitted as per the guidelines of ICAR.
	• Technical and Supporting staff (as per ICAR guidelines)	
	• Classrooms and Laboratory (as per the ICAR guidelines)	ii. The Nomenclature of B.Tech (Molecular Biology & Biotechnology) is not as per the ICAR norms.
	• Conduct of Practical and Hands-on Training	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	iii. There are no sufficient faculty to run this programme and is short of minimum faculty recommended by ICAR/UGC. Nineteen faculty indicated are assigned responsibility of multiple programmes.
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	
	• Student intake and attrition in the programme for last five years	
	• ICT application in curricula delivery	iv. Profile and credentials of faculty are not provided to

			ascertain what is the specialization of these faculty.	f s a
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PROFORMA FOR ASSESSMENT OF THE PROGRAMME  
B.Sc (Hons) Forestry at College of Horticulture & Forestry, Neri, Hamirpur, HP

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Programme accreditation	• Faculty strength of the programme (as per ICAR guidelines)	i. The SSRs have not been submitted as per the guidelines of ICAR.  ii. The previous accreditation was on 29 <sup>th</sup> July 2019.  iii. There are no sufficient faculty to run this programme and is short of minimum faculty recommended by ICAR/UGC.  iv. Twenty-four faculty indicated are assigned responsibility of multiple programmes. Profile and credentials of faculty have not been provided.  v. The student intake ranged from 36 to 61 with 3.3% to
	• Technical and Supporting staff (as per ICAR guidelines)	
	• Classrooms and Laboratory (as per the ICAR guidelines)	
	• Conduct of Practical and Hands-on Training	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	
	• Student intake and attrition in the programme for last five years	
	• ICT application in curricula delivery	

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PROFORMA FOR ASSESSMENT OF THE PROGRAMME

PG Programs at College of Horticulture & Forestry, Neri, Hamirpur, Himachal Pradesh

Criteria	Key aspects	Assessment of the Peer Review Team (maximum five bullet points for the programme)
i. Program me accreditation	• Faculty strength of the programme (as per ICAR guidelines)	1. As NO SEPARATE SSRs for PG programmes have been provided, it is not possible to assess.
	• Technical and Supporting staff (as per ICAR guidelines)	
	• Classrooms and Laboratory (as per the ICAR guidelines)	
	• Conduct of Practical and Hands-on Training	
	• Number of students being supervised by Faculty in case of Masters/ PhD Programme (as per ICAR/UGC guidelines)	
	• Feedback of stakeholders (Students, Parents, Industries, employers, farmers, etc.)	
	• Student intake and attrition in the programme for last five years	
	• ICT application in curricula delivery	



Details of outsourced staff engaged at COHF, Bhota and Neri-I & II, Hamirpur (H.P.)

Annexure-I

Sr. No.	Name of Labourer	Father's/Husband's Name	Date of Birth	PAN No.	UAN No.	Aadhar No.	Account No.	IFSC No.	Name of Bank	Phone
1.	Ruma Devi	Pawan Kumar	01.11.1985	-	101529635841	891344387716	20431214436	SBIN0004351	SBI	9805483611
2.	Saroti Devi	Pankash Chand	28.04.1994	CTBPD34811	101137794336	963983398772	20065078750	KACE0000005	KCC Bank Hamirpur	9457002332
3.	Kanta Devi	Kishan Chand	07.03.1970	CWLPD8349Q	100678543698	810052649832	11500110060742	UCBA0001150	UCO Bank	9817997956
4.	Prito Devi	Bansi Lal	01.01.1957	-	101137794401	467833193519	35126082097	SBIN0050123	SBI	7307615093
5.	Jamna Devi	Naryan Dass	01.01.1946	-	101136660206	884783645632	3331785469	CBIN0282210	CBI	8394813728
6.	Mukhiyara Begum	Taj Mohammad	12.05.1965	CUDPB5919C	101136660223	744420365783	50062824082	KACE0000112	KCC Bank	9805634526
7.	Santosh Kumari	Ramesh Chand	01.01.1973	-	100679322167	261146657914	11500110044827	UCBA0001150	UCO Bank	7651033370
8.	Meera Kumari	Sandeep Kumar	23.11.1987	JISPK3312P	101529675450	916656553068	3380499592	CBIN0282210	CBI	8580944063
9.	Babita Devi	Vijay Kumar	1984	-	101500791798	506367233363	50064942315	KACE0000112	KCC Bank	9838541839
10.	Rashma Devi	Ramesh Chand	20.09.1967	DMBPD5433G	100679322995	911527352185	20065079089	KACE0000005	KCC Bank	9805599319
11.	Pawna Devi	Joginder Singh	01.01.1974	-	10067877907	363522333501	11500110060035	UCBA0001150	UCO Bank	9816020839
12.	Samina	Riyaz Mohammad	30.06.1980	FRXPS4805N	101529696173	275612499978	33787310456	SBIN0007300	SBI	9805693887
13.	Bandeta Sharma	Pankaj Sharma	1986	-	101500750418	907942202629	32628046763	SBIN0007300	SBI	8331912715
14.	Anita Devi	Pardeep Sharma	11.01.1976	-	100679183399	621066358554	30749205914	SBIN0007300	SBI	9805936248
15.	Aman Kumar	Breet Singh	11.07.1996	HKJPK0845P	101254693914	278937306116	9988000100006173	PUNB0998800	PNB	7333842581
16.	Anup Kumar	Ramesh Chand	20.07.1996	-	101137794417	627724843805	69260100002200	VIIJ0007705	Bank of Baroda	8219429021
17.	Surender Kumar	Dharam Chand	04.03.1984	ECGPK3917J	101136658356	738918909191	35238530755	SBIN0007300	SBI	9817215645
18.	Sunil Kumar	Amar Nath	24.05.1970	BDHPK6104F	100941944869	634866214330	3376000107019159	PUNB0111700	PNB	8988335641
19.	Avinash Kumar	Bidhi Chand	26.07.1992	FEOPK7140J	101137794440	224024372976	1143501700013449	PUNB0114300	PNB	8933001591
20.	Balwant Singh	Bahadur Singh	22.11.1984	FDMPK2227D	101176231701	426445389122	20150021778	KACE0000150	KCC Bank	8263057371

Sr. No.	Name of Labourer	Father's/ Husband's Name	Date of Birth	PAN No.	UAN No.	Aadhar No.	Account No.	IFSC No.	Name of Bank	Phone
21.	Sushil Kumar	Pritam Chand	1988	GECPK4657B	101254693951	951291344199	1184610006373	UCBA0001184	UCO Bank	9736645446
22.	Pankaj Kumar	Ishwar Dass	19.09.1993	-	101529727007	301707149762	11500110045725	UCBA0001150	UCO Bank	7018221476
23.	Rajesh Kumar	Dev Raj	21.07.1992	KCPK7267K	101137794429	222738805452	9937000100005242	PUNB0993700	PNB	8219444244
24.	Poonam Devi	Mukesh Kumar	22.05.1985	EPOPD6661D	101176231698	706248990826	32897750646	SBIN0007300	SBI	8983394262
25.	Shola Devi	Gangadhar	15.01.1977	CXXPD0391P	100678776279	144702531061	32975168786	SBIN0004351	SBI	9418433105
26.	Pratap Chand	Barli Ram	1960	AFRPC3245D	101305957135	379858215462	31067093214	SBIN0007300	SBI	8628825390
27.	Vipin Kumar	Bam Dev	04.07.1984	EYLPK5993P	100911851644	304937685806	021100010935877	PUNB011100	PNB	7807228260
28.	Amir Sharma	Purshotam Dass	02.07.1993	LGWPS2264M	101275432131	451383942352	50100117863974	HDFC0004317	HDFC Bank	7018536996
29.	Arun Kumar	Bihari Lal	14.10.1995	DGWP6934C	101254693979	803809335412	34042576823	SBIN0007300	SBI	9418649484
30.	Renu Devi	Manoj Kumar	30.03.1985	DYZPR1098M	101305957157	968492848382	31330477261	SBIN0007300	SBI	9882806175
31.	Deep Kumar	Hem Raj	13.10.1994	DCLPK5220B	101445746745	929692251571	32237804085	SBIN0007300	SBI	8219389998
32.	Tosi Devi	Ramesh Chand	28.04.1976	CWLPD8557J	100679322179	431727257576	2083000101057375	PUNB0208300	PNB	9816936983
33.	Urmila Devi	Hassan Din	1979	ACOPU8984B	100678328227	320515437203	11840110033432	UCBA0001184	UCO Bank	9459424416
34.	Meera Kumari	Rakesh Kumar	26.05.1986	FNZPK8178N	101529701654	413079613665	32861941826	SBIN0004851	SBI	9736621844
35.	Rakesh Kumar	Bahadur Singh	20.04.1981	DDVPK9736C	100299766120	386987457945	057310009903	PO50000001	Indian Post Payment Bank	9418888467
36.	Jagdish Chand	Raj Kumar	14.04.1995	BNSPC8670E	101136658541	327032920073	8700000100003798	PUNB0870000	PNB	7876029895
37.	Meena Devi	Jai Pal	12.06.1974	CWLPD8551Q	100678856399	360307004915	2083000101067479	PUNB208300	PNB	9459167349
38.	Anjana Devi	Sunil Kumar	15.09.1976	AROP012882F	101176231680	475470012866	2083001700001600	PUNB208300	PNB	9459001474
39.	Hazran Begum	Hamid Mohammad	24.05.1990	DJQPB2108N	10121801710	566472954647	69260100000809	BAROVJHAMI	Bank of Baroda	8628872683

Sr. No.	Name of Labourer	Father's/Husband's Name	Date of Birth	PAN No.	UAN No.	Aadhar No.	Account No.	IFSC No.	Name of Bank	Phone
40.	Pankaj Kumar	Pratap Chand	1988	EECPK5334C	1011176231679	712025764544	9988000100004096	PUNB00998860	PNB	8219397033
41.	Santosh Kumar	Bidhi Chand	15.04.1969	-	101312724020	794907497442	1150010039748	UCBA0001150	UCO Bank	9418660252
42.	Rakesh Kumar	Brahm Das	10.04.1999	-	101562992249	827141509673	0211000109329672	PUNB0021100	PNB	7876054010
43.	Sohan Singh	Kartar Singh	23.03.1982	-	101445746750	461350688276	31837077199	SBIN0004351	SBI	8219923566
44.	Ajay Kumar	Hari Dass	16.05.1983	EMVPS3245Q	101562987214	400260072423	0211001500013917	PUNB0021100	PNB	9418244614
45.	Bavinder Singh	Rikhi Ram	18.07.1974	ASIPB3406E	101521606729	374355113084	09690100003611	UCBA0000969	UCO Bank	9418992897
46.	Ashok Kumar	Parkash Chand	1988	EMVPS3246P	101521667562	644256215878	31708990554	SBIN0004851	SBI	9418319037
47.	Manoj Kumar	Krishan Lal	20.01.1980	EMVPS3246P	101137794453	272944393697	04130110054893	UCBA0000413	UCO Bank	8894882409
48.	Sonu Kumari	Sadhu Ram	1981	FGCPK9233E	100679374843	525290628833	20005081623	KACE0000005	KCC Bank	9817977105
49.	Veena Kumari	Amerjeet	01.01.1975	DOEPD9566M	100679236674	959099588918	11312076736	SBIN0007300	SBI	9015157545
50.	Lekh Raj	Pala Ram	04.02.1993	EURPR1163N	101218101723	837976849612	3238108001983	CNRB0003238	Canara Bank	8219379457
51.	Akhter Hussain	Julfi Ram	05.07.1986	ADCPH4728B	100675348451	754802722351	11500110009468	UCBA0001150	UCO Bank	9816025023
52.	Yashver Singh	Jagdish Chand	23.07.1992	KVVPS2220C	101254693946	564624938143	9988000100013166	PUNB0998800	PNB	8219642863
53.	Suroj Kumari	Dev Raj	1966	-	101599309488	811424163025	50065930341	KACE0000112	KCC Bank	9418782731
54.	Shoda Devi	Parkash Chand	20.4.1970	-	101525072062	226900896755	11312045186	SBIN0007300	SBI	7650977248
55.	Raj Kamal	Dina Nath	02.01.1991	BTTPR7409R	101433573067	797460023092	0211000109302719	PUNB0021100	PNB	8988148247
56.	Santosh Kumar	Sukh Dev	31.03.1991	FWCPK1512J	101433573079	297966317447	99661700005248	PUNB0HPGB04	HP Garmin Bank	9816258601
57.	Shashi Kant	Bidhi Chand	09.04.1983	ITIPSI555P	101136660193	318028711934	2083000100030104	PUNB0208300	PNB	9816993329
58.	Joginder Pal	Yash Pal	17.01.1989	-	101458038137	617395480749	50069834887	KACE0000063	KCC Bank	9816435760

Sr. No.	Name of Labourer	Father's/ Husband's Name	Date of Birth	PAN No.	UAN No.	Aadhar No.	Account No.	IFSC No.	Name of Bank	Phone
59.	Naresh Kumar	Manohar Lal	21.12.1988	DDZPK9741R	100679048424	4898 2375 9376	1728000100125380	PUNB0172800	PNB	9419046188
60.	Rajender Kumar	Bhagat Ram	06.07.1991	EEZPK1469R	100794781149	3993 0603 8556	3376000107070840	PUNB0337600	PNB	8628925860
61	Surjeet Kumar	Natar Singh	21.12.1984	EEKPS5209L	100678858662	4988 4312 5258	3376001700620625	PUNB0337600	PNB	9210119612
62.	Satish Kumar	Suharv Ram	01.01.1975	EYFPK1998Q	100908946274	9334 1619 4284	3376000107052701	PUNB0337600	PNB	9816280823
63.	Rahul Rana	Raghuvir Singh	26.08.1991	ECNPR1647P	101305957161	7798 2577 7641	3376000107091995	PUNB0337600	PNB	8580778363
64.	Laxmi Devi	Raj Kumar	26.02.1991	GCDPD9209K	101500726951	2977 4286 4358	50053029979	KACE0000061	KCC Bank	9882780235
65.	Dolma Devi	Kulwant Singh	30.10.1980	GCDPD9209K	101510351575	2278 7336 6528	3376000107070965	PUNB0337600	PNB	9418481299
66	Nand Kishor	Phini Ram	01.05.1961	BFWPK1872E	101458038159	568055324944	2185810384	CBIN0282210	CBI Hamirpur	9459002540
67	Sanjeev Kumar	Mangat Ram	06.07.1981	FTIPK1275F	101136660186	492450700203	11500110070833	UCBA0001150	UCO Bank	9805169471
68	Subhash Chand	Bhagirath	04.10.1981	BONPC9371J	100678633825	958369411107	11500110046463	UCBA0001150	UCO Bank	8988839497
69	Soma Devi	Nand Kishor	21.03.1976	DMBPD5422F	100679129697	488839082501	3376826540	CBIN0282210	CBI Hamirpur	8999094859
70	Nirmal Devi	Harmander Singh	02.05.1974	DMBPD5435A	101136658560	867553296386	3376650548	CBIN0282210	CBI Hamirpur	8219865378
71	Asha Devi	Subhash Chand	03.07.1977	DMBPD5437C	100679517054	202136676558	0211001700002714	PUNB0021100	PNB	9418259605
72	Shobha Devi	Kishori Lal	17.12.1973	DMBPD5444R	100678939344	784190461140	3393914719	CBIN0282210	CBI Hamirpur	9459847312
73	Savitri Devi	Sanjeev Kumar	24.10.1990	FNWPD6844R	101305957142	359627870486	3675827339	CBIN0282210	CBI Hamirpur	9418775958
74	Premi Devi	Jai Ram	21.03.1974	CWLPD8550R	100678856685	707058535265	3171682065	CBIN0282210	CBI Hamirpur	8580552332
75	Rimpi Devi	Rajesh Kumar	05.04.1990	FSVPD9325K	New	5864 3594 7273	0211000109318914	PUNB0021100	PNB Hamirpur	9459591427

## ANNEXURE-II

## Profile and Credentials of the faculty

S. No	Name of faculty	Designation	Specialization	Highest qualification	Work experience
1.	Dr. Kamal Sharma	Principal Scientist	Forestry	Ph.D.	32 years
2	Dr DR Bhardwaj	Professor	Forestry	Ph.D.	26 years
3	Dr Som Dev Sharma	Principal Scientist	Fruit Science	Ph.D.	25 years
4	Dr. Rakesh Mandradia	Principal Scientist	Plant Pathology	Ph.D.	25 years
5	Dr. Virender Kumar Rana	Principal Scientist	Entomology	Ph.D.	24 years
6	Dr. Balbir Singh Dogra	Principal Scientist	Vegetable Science	Ph.D.	22 years
7	Dr Shashi Sharma	Professor	Fruit Science	Ph.D.	22 years
8	Dr. Vikas Kumar Sharma	Senior Scientist	Fruit Breeding & Genetic Resources	Ph.D.	12 years
9	Dr Shiv Pratap Singh	Associate Professor	Vegetable Science	Ph.D.	12 years
10	Dr.(Mrs.) Raj Saini	Associate Professor	Microbiology	Ph.D.	12 years
11	Dr Deepa Sharma	Associate Professor	Vegetable Science	Ph.D.	12 years
12	Dr.(Mrs.) Sneha Lata Sharma	Associate Professor Biotechnology	Biotechnology	Ph.D.	12 years
13	Dr. Som Dutt Sharma	Associate Professor	Forestry	Ph.D.	12 years
14	Dr Anil Kumar	Associate Professor	Soil Science	Ph.D.	12 years
15	Dr. Santosh Kumari	Senior Scientist	Vegetable Science	Ph.D.	11 years
16	Dr Sanjeev Kumar	Associate Professor	Fruit Science	Ph.D.	11 years
17	Dr Ajay Kumar Banyal	Associate Professor	Fruit Science	Ph.D.	11 years

18	Dr(Mrs.) Kumud Jarial	Associate Professor	Plant Pathology	Ph.D.	11 years
19	Dr. (Mrs.) Monica Sharma	Associate Professor	Plant Pathology	Ph.D.	11 years
20	Dr. Rajinder Singh Jarial	Associate Professor	Plant Pathology	Ph.D.	11 years
21	Dr. Rakesh Sharma	Assistant Extension Specialist	Soil Science	Ph.D.	15 years
22	Dr Anil Kumar Verma	Assistant Professor	Food Science and Technology	Ph.D.	14 years
23	Dr Dushyant Kumar Sharma	Assistant Professor	Forestry	Ph.D.	3 years
24	Dr Ravi Bhardwaj	Assistant Professor	Forestry	Ph.D.	3 years
25	Dr Amit Sharma	Assistant Professor	Mathematics	Ph.D.	3 years
26	Dr Reena Kumari	Assistant Professor	Biotechnology	Ph.D.	3 years
27	Dr Karuna Dhiman	Assistant Professor	Biotechnology	Ph.D.	3 years
28	Dr Chaman Lal	Assistant Professor	Economics	Ph.D.	3 years
29	Dr. Jagreeti Gupta	Assistant Professor	Floriculture and Landscape Architecture	Ph.D.	2 years
30	Dr Meenakshi Thakur	Assistant Professor	Biochemistry	Ph.D.	2 years
31	Dr. Richa Salwan	Assistant Professor	Microbiology	Ph.D.	2 years
32	Dr Swapana Sepehya	Scientist	Soil Science	Ph.D.	2 years
33	Dr. Yashasvi Thakur	Assistant Professor	Forestry (Environment Science)	Ph.D.	6 months

34	Dr. Naresh Thakur	Assistant Professor	Molecular Breeding	Ph.D.	6 months
35	Dr. Sanjeev Kumar Sanyal	Assistant Professor	Botany	Ph.D.	6 months
36	Dr. Himani Sharma	Assistant Professor	Biotechnology	Ph.D.	6 months
37	Dr. Preeti Chaudhary	Assistant Professor	Food Science and Technology	Ph.D.	2 months





NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD  
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PROFORMA FOR ASSESSMENT OF THE AGRICULTURAL UNIVERSITY  
Dr. Y. S. Parmar University of Horticulture and Forestry, Solan

Criteria	Key aspects		Assessment of the Peer Review Team (maximum three points)	Submission of the University
I. Governance	i.	Vision, Mission and Goals	<ul style="list-style-type: none"> <li>• University prepared Vision 2050 including challenges and opportunities in Horticulture, Forestry and Allied sectors.</li> <li>• Has well defined Mission statement for food and ecological security, livelihood opportunities and economic prosperity of farming community.</li> <li>• Has appropriately set the goals</li> </ul>	-
	ii.	Statutes and Regulations	<ul style="list-style-type: none"> <li>• The Statutes &amp; Regulations of Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Solan was published in the Extraordinary gazette dated 26.9.87; vide notification No.5-2/85(GAD), dated 16.9.1987.</li> </ul>	-
	iii.	University Statutory Officers and Their Selection	<ul style="list-style-type: none"> <li>• The list of statutory officers has been given. But due to ban on Direct Recruitment.</li> </ul>	-

		Process as per the Statutes of the University	Deans of Colleges, DoR, DoE all are adjusted internally, till appointment of regular persons are made.	
	iv.	Decentralization of Powers	<ul style="list-style-type: none"> <li>Details of decentralization of powers not given, but only referred to notification No.UHF.Regir.GA/5-263/2017/-35287-327, dated 28-02-2017. Copy of this notification has not been annexed.</li> </ul>	-
	v.	Supporting Units (Maintenance Cell / SC / ST Cell / Health Centre)	<ul style="list-style-type: none"> <li>Supporting units like SC/ST Cell, Health facility, Training and Placement Cell, etc., are there in place.</li> </ul>	-
	vi.	Technology Support	<ul style="list-style-type: none"> <li>Technology support is provided through ARIS Cell/IT Cell. Instrumentation cell. GIS facilities, etc.</li> </ul>	-
	vii.	Institutional Database and Website updation	<ul style="list-style-type: none"> <li>Institutional data base in the form of e-Resources viz., Web OPAC(Online Public Access Catalogue), Consortium For e-Resources in Agriculture (CeRA), Krishikosh (e-thesis), University Institutional Repository, and e-Books (1174 Nos through CeRA) are available.</li> <li>University has a website that is updated on regular basis.</li> </ul>	-

	viii.	Inter-Departmental Linkages	<ul style="list-style-type: none"> <li>• Inter Departmental linkages with Department of Horticulture, Department of Forest, Department of Agriculture, Department Fisheries, Department of Animal Husbandry and ICAR institutes in the state exists.</li> </ul>	-
	ix.	Monitoring Mechanism	<ul style="list-style-type: none"> <li>• Monitoring mechanism is through student advisors, mentors, Central Students Association. and feed back from students.</li> </ul>	-
	x.	Institute Quality Assurance Cell / PME Cell	<ul style="list-style-type: none"> <li>• QA Cell / PME Cell exists with Director of Research as chairman. Joint Director Research Horticulture, Joint Director Research (Forestry) and Joint Director Research (Planning) are the members of the cell.</li> </ul>	-
	xi.	Collaboration with other Academic Institutions and Industry	<ul style="list-style-type: none"> <li>• Collaboration exists with ICAR-IARI. ICAR-CPRI and other universities and ICAR institutes.</li> </ul>	-
2. Academic Support	i.	Academic Council	<ul style="list-style-type: none"> <li>• Academic Council exists with Deans, DoR, DoEE, Director (FRI, Dehradun), SWO, Librarian, Two Senior Professors and Registrar as members.</li> <li>• Details of Academic Council Meetings &amp; ATR given.</li> </ul>	-

	ii.	Innovations and Best Practices	<ul style="list-style-type: none"> <li>• Student READY programme is implemented in Horticulture, Forestry and Biotechnology streams.</li> </ul>	-
	iii.	Library	<ul style="list-style-type: none"> <li>• University library exists with necessary infrastructure.</li> <li>• The library has a holding of 74,578 documents which includes print documents, back volumes of journals, thesis, e-books etc.</li> </ul>	-
	iv.	Centre for Excellence / Advance Studies / Centre for Advanced Faculty Training (CAFT)	<ul style="list-style-type: none"> <li>• The University has Centre of Advanced Faculty Training (CAFT) established in the year 1994.</li> <li>• A total of 28 National trainings on different aspects have been conducted.</li> </ul>	-
	v.	Incubation Centre	<ul style="list-style-type: none"> <li>• University has Incubation Centre under Chief Minister Startup/ Innovation Projects/ New Industries Scheme since September, 2017.</li> </ul>	-
	vi.	Technology Enabled Learning Resources	<ul style="list-style-type: none"> <li>• The Library has all modern facilities like internet, CD-ROM, Wi-fi etc. and has shifted its in-house database of books from LIBSYS (Library Management Software) to KOHA (Open resource software) with</li> </ul>	-

			Cloud server in 2017-18 as per guidelines of ICAR.
	vii.	Integrated Learning System (Experiential Learning)	• Five EL Modules in Horticulture, Two in Forestry and One in Biotechnology are being implemented.
	viii.	Academic-Industry Interface	• The final year students of all the Undergraduate Degree Programmes are attached with industry for one month to undergo training in particular field.
	ix.	National Ranking (ICAR/MHRD)	• ICAR Ranking consistently improved for University from 51 in 2016 to 12 in 2019.
3. Research Support	i.	Research Council	• Research Council exists with VC as Chairman. • Meetings of RC held every year except in 2016 and 2019.
	ii.	Directorate of Research	• There is a Directorate of Research. • Organogram has been given
	iii.	Technologies Developed and their Adoption	• Totally 74 technologies were developed which included new varieties identified in plum, nectarine, apricot, pomegranate, carrot, cucumber, ginger, tomato and lettuce. • Rejuvenation. Production and protection technologies

		in the above crops. • Value added products and technologies.	-
iv.	Research Publications (based on work carried out in university)	• Large number of publications with NAAS rating above 5.00 have been published during the period under report.	-
v.	Innovations and Best Practices	<ul style="list-style-type: none"> <li>• Innovative Best practices have been reported in apple nursery, walnut grafting, rejuvenation of senile apricot and peach orchards, HDP in apple, meadow orcharding in guava.</li> <li>• Package of practices for mango, litchi, aonla and major vegetables have been developed and recommended.</li> </ul>	-
vi.	IPR Cell / ITMU	• The University has Intellectual Property Cell functioning for the last 15 years.	-
vii.	Central Instrumentation Unit	• CIU available but it needs further strengthening.	-
viii.	Global Support	• World Bank funded projects viz., Himachal Pradesh Horticulture Development Project (HPHDP) worth Rs. 48 crores and Institutional Development Plan of Rs. 30 crores have been received.	-
ix.	CSR Funding	• No CSR funding has been reported.	-

4. Extension Support	i.	Extension Council	<ul style="list-style-type: none"> <li>• Extension Council exists.</li> <li>• Details of meeting given, except for 2016 &amp; 2019.</li> </ul>	-
	ii.	Directorate of Extension Education	<ul style="list-style-type: none"> <li>• Directorate of Extension exists with one Director, 2 Joint Directors, Scientists and Section Officers.</li> <li>• Necessary infrastructure for the Directorate is available.</li> <li>• Details of extension education activities has been given for the last 5 years.</li> </ul>	-
	iii.	Extension Planning and Technological Impact	<ul style="list-style-type: none"> <li>• Extension Planning is there in place involving activities like training, field visits, exposure visits for farmers. Kisan melas, field days, etc.</li> <li>• Impact assessment monitoring mechanism is in place. Impact in terms of increase in net returns in apple cultivation has been reported.</li> <li>• However, the study needs to be more expansive including all technologies transferred and the benefit accrued in terms of returns on investment.</li> </ul>	-
	iv.	Implementation of National Initiatives	<ul style="list-style-type: none"> <li>• MeraGaonMera Gaurav, NICRA, Unnath Bharat Abhiyaan.</li> </ul>	-

			Paramparagat Krishi Vikas Yojana are the national initiatives been implemented.	
	v.	Innovations and best Practices	<ul style="list-style-type: none"> <li>• Low-cost Oyster, mushroom cultivation, and Murrah buffalo rearing has been reported as innovative practices being recommended.</li> </ul>	-
	vi.	Consultancy / Certification / Testing	<ul style="list-style-type: none"> <li>• Testing of fungicides, organic manure, fertiliser, etc., are being carried out.</li> <li>• A revenue of Rs.10.01 Crores have been generated during the last 5 years.</li> </ul>	-
5. Faculty & Staff Development	i.	Recruitment and Promotional Avenues	<ul style="list-style-type: none"> <li>• Recruitment as per the statutes of university. Last recruitment done in 2018-19.</li> <li>• Promotions through CAS done as per the ICAR system.</li> <li>• Promotion rules framed by the University for promotion to the next higher posts and the ACPs analogous to state government.</li> </ul>	-
	ii.	Participation of Faculty in National and International Seminars/ Workshops/ Symposia	<ul style="list-style-type: none"> <li>• Participation of faculty in Seminar / Workshop is being encouraged.</li> <li>• 259 participations from faculty of Horticulture/ Agriculture and 147 from faculty of Forestry was there during the last 5 years.</li> </ul>	-



	iii.	Incentives for Excellence / Faculty Recognition	<ul style="list-style-type: none"> <li>• In order to promote excellence amongst faculty and staff, the university has started awards for each category of the employees since 2018 on the Foundation Day of the university i.e. 1st December.</li> <li>• Fifteen faculty/non-faculty members awarded during 2018 and 16 during 2019.</li> </ul>	-
	iv.	Capacity Building and Trainings	<ul style="list-style-type: none"> <li>• The teachers are nominated to attend various training programmes / summer schools/winter schools/short courses/CAFT trainings/ MANAGE and other ICAR institutes to upgrade the knowledge &amp; skill.</li> </ul>	-
6. Student Development	i.	Scholarships / Stipend	<ul style="list-style-type: none"> <li>• Thirteen different kinds of scholarships / stipend are provided to students at UG/PG/PhD level.</li> <li>• Discipline wise list has been provided.</li> </ul>	-
	ii.	Extra and Co-Curricular Activities	<ul style="list-style-type: none"> <li>• Extra and Co-Curricular activities are encouraged in sports, arts, blood donation camps, social service like flood relief operations.</li> <li>• Details of events organized during the last 5 years has been</li> </ul>	-

			given with pictures.	
	iii.	Health Insurance	<ul style="list-style-type: none"> <li>• There is an on-campus Health Centre with 2 doctors and paramedics to provide health care.</li> <li>• No mention has been made about Health Insurance.</li> </ul>	-
	iv.	Sports and Cultural Facilities	<ul style="list-style-type: none"> <li>• The university has a playground for all major sports like basketball courts, volleyball court, badminton court and kabaddi court for outdoor games and indoor games like table tennis.</li> <li>• Well-equipped gymnasium for students and faculty is available.</li> <li>• Students won several accolades in competitions in sports and cultural events.</li> </ul>	-
	v.	Student Counselling and Placement Cell	<ul style="list-style-type: none"> <li>• Student counselling and placement cell exists.</li> </ul>	-
	vi.	Disabled Friendly Ability	<ul style="list-style-type: none"> <li>• Braille and Audio Books are available in library</li> <li>• Ramp and wheelchair facility up to the top floor is available.</li> <li>• Adaptive toilets have been installed in the appropriate buildings</li> </ul>	-

7. Infrastructure	i.	Physical Facilities including Administrative Building and Necessary Land	<ul style="list-style-type: none"> <li>• Have adequate physical infrastructure like Administrative Block, Library, Lab Blocks, Classrooms, examination halls.</li> <li>• There are 5 boys' hostels, 7 girls' hostels and one international hostel and guest houses on campuses.</li> <li>• University has a total area of 604.45 acres of land to accommodate laboratories, instructional farm on main campus at Solan, at Neri as well as in Regional Stations.</li> </ul>
	ii.	IT Infrastructure	<ul style="list-style-type: none"> <li>• Adequate IT infrastructure available in the form of ARIS Cell at Colleges of Horticulture and Forestry with internet connectivity.</li> <li>• All classrooms have IT infra like LCD display, projector and there are four Smart Class rooms.</li> <li>• IT enabled Learning Resources are available in LAN mode with 300 nodes.</li> </ul>

	iii.	Student and Staff Amenities	<ul style="list-style-type: none"> <li>• Shopping complex, banks, health centre and three canteens including cafeteria etc. are available on campus for students and staff use.</li> <li>• There is a need to have facilities like faculty club, community centre, recreational park and adequate parking facilities.</li> </ul>	-
8. Financial Resources	i.	Budget Allocation (Salary: Contingency)	<ul style="list-style-type: none"> <li>• The Grant-in-Aid sanctioned by the state is being utilized only for salary and pensioner benefits and no Grant is being sanctioned for Research and Extension activities.</li> <li>• University is solely dependent on research grants either from different funding agencies or ICAR.</li> <li>• ICAR support needs to be improved.</li> </ul>	-
	ii.	Finance Committee	<ul style="list-style-type: none"> <li>• There is a Finance Committee in place and dates of its meeting during the last 5 years is given.</li> </ul>	-
	iii.	Internal Resource Generation	<ul style="list-style-type: none"> <li>• Internal revenue is generated through sale of planting material, consultancy services testing of</li> </ul>	-

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			chemicals, students fee, sale of prospectus and literature etc. • Rs.151.62 Crores have been generated during the last 5 years.
	iv.	Resource Mobilization Through External Funding	• External funding in the form of Grant-in-Aid is generated ranging from Rs.19.94 crores to 24.95 crores every year. • During the last 5 years a total of Rs.119.49 crores has been mobilized through external funding agencies.
	v.	Financial Delegation to Deans and HoDs	• Delegation of financial powers is not detailed but only referred to a university notification.
	vi.	Per Cent Finance Utilization in Last Five years	• Around 80% to 96% of funds received are being utilized every year. • The university needs to improve the fund utilization to 100%.
9. Accomplishments	i.	Regional, National and International Awards for the University	• University has not received any awards like Best SAU, but List of awards and recognitions received by the faculty during the last 5 years have been listed.

ii.	Accreditation from ICAR/ other agencies and follow up on its Recommendations	<ul style="list-style-type: none"> <li>• College of Horticulture and College of Forestry of this University at Solan and the College of Horticulture and Forestry at Neri (Hamirpur) were accredited by the National Agricultural Education Accreditation Board of ICAR for five years w.e.f 16/03/2015 to 15/03/2020.</li> <li>• ATR on Recommendation of previous PRT shows several of those have not be attended to, particularly those involving the State government intervention.</li> </ul>
iii.	Inter Institutional Standing	<ul style="list-style-type: none"> <li>• The university is ranked at 12th position among all the agricultural universities of the country by ICAR during 2018. Research during 2018.</li> <li>• At national level it occupies 20<sup>th</sup> position among all the government and private universities.</li> </ul>

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	iv.	Socio-Economic Impact	<ul style="list-style-type: none"> <li>• The university interventions have resulted in enhancing the apple production in the state which was 2133.80 MT in 2014-15 increased to 2371 MT with a productivity of 7.7 MT.</li> <li>• Area under vegetable has increased from 80.60 thousand hectare to 85.76 thousand hectares.</li> <li>• Several agroforestry models developed by the university are being adopted by the farmers to enhance the productivity.</li> <li>• University needs to calculate the impact in monetary terms.</li> </ul>
	v.	International Collaboration	<ul style="list-style-type: none"> <li>• The university had signed agreement with two foreign universities, i.e., Ministry of Environment, Forest and Climate change, govt. of Ethiopia and KYRGYZ National Agrarian University, Bishkek, Kyrgyz Republic.</li> </ul>
	vi.	Fund Raising Through CSR	<ul style="list-style-type: none"> <li>• During the period under accreditation about Rs.2935 crores were raised through CSR for conducting farmer's trainings</li> </ul>

			<ul style="list-style-type: none"> <li>• SJVN Foundation, Shimla; Ambuja Cement Foundation, Solan and GIZ are the agencies which provided the CSR Funds for conduct of training.</li> </ul>
	vii.	Alumni Support	<ul style="list-style-type: none"> <li>• There is an Alumni Association existing with 350 members.</li> <li>• But their support in terms of providing or bringing project funds to university needs to be fostered.</li> </ul>