Dean, Postgraduate Studies, PAU in the pay scale of Rs.37400-67000+AGP 10,000 plus Rs1000/- p.m. as special allowance and rent free accommodation.

i) Ph.D. in any discipline of Agriculture.*

ii) Master's degree in any discipline of Agriculture.*

iii) Bachelor's degree in any discipline of Agriculture.*

iv) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

v) Twelve years' experience in teaching/research/extension in any discipline of Agriculture* in a College/Institution out of which, atleast 5 years must be as Professor & equivalent.

vi) Substantial contributions to teaching/research/extension and scholarship as evidenced by the teaching innovations/quality of papers published in professional journals of repute, adoption of results of research/extension education.

vii) Administrative experience, leadership, ability and capacity to organize and supervise the work of others.

viii) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent (If not, the candidate is required to pass the same within one year of appointment).

* Agriculture includes the basic and applied sciences of soil and water management, crop and home sciences and the betterment of rural people. Medical/non-medical, basic science and agricultural engineering degrees are included in the definition of “Agriculture.”
2  Dean, College of Agriculture, PAU in the pay scale of Rs.37400-67000+AGP 10,000 plus Rs1000/- p.m. as special allowance and rent free accommodation.

i)  Ph. D. in any discipline of Agricultural Sciences.

ii) Master’s degree in any discipline of Agricultural Sciences.

iii) Bachelor’s degree in any discipline of Agricultural Sciences

iv)  At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

v)  Twelve years’ experience in teaching/ research/ extension in any discipline of Agricultural Science in a College/ Institution out of which, atleast 5 years must be as Professor and equivalent.

vi)  Substantial contributions to teaching/research/extension and scholarship as evidenced by the teaching innovations/quality of papers published in professional journals of repute, adoption of results of research/ extension education.

vii) Administrative experience, leadership, ability and capacity to organize and supervise the work of others.

viii) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent (If not, the candidate is required to pass the same within one year of appointment).
3 Head, Department of Plant Breeding & Genetics in the pay scale of Rs 37400 - 67000+AGP Rs.10000/- p.m.+ Rs. 500/- p.m. special allowance.


ii) Ph.D. in Plant Breeding & Genetics/Genetics & Plant Breeding/ Genetics/ Plant Breeding.

iii) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
4 Head, Department of Food Science & Technology in the pay scale of Rs 37400 - 67000+AGP Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.


ii) Ph.D. in Food Science & Technology/Food Technology.

iii) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
5 Head, Department of Soil Science in the pay scale of Rs 37400 -67000+AGP
Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.

i) B.Sc.Agri./B.Sc.Hort./ B.Sc. Forestry.


iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
Head, Department of Plant Pathology in the pay scale of Rs 37400 -67000+AGP Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.


ii) Ph.D. in Plant Pathology.

iii) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
7 Head, Department of Entomology in the pay scale of Rs 37400 -67000+AGP Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.


ii) Ph.D. in Entomology/Agril. Entomology.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
Director, School of Business Studies in the pay scale of Rs.37400-67000+AGP Rs. 10000/- p.m.+ Rs. 500/- p.m. special allowance.


ii) Ph.D. in Business Administration.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
Head, Department of Math. Stat & Physics in the pay scale of Rs.37400-67000+AGP Rs.10000/- p.m.+ Rs. 500/- p.m. special allowance.


ii) Ph.D. in Mathematics/Statistics/Physics.

iii) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
10 Head, Department of Botany in the pay scale of Rs 37400 -67000+AGP Rs.10000/- p.m.+ Rs. 500/- p.m special allowance.

i) B.Sc. Medical/B.Sc. (Hons) with Botany/B.Sc.Botany/B.Sc. Life Sciences

ii) Ph.D. in Botany/Crop Physiology.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
11 Head, Department of Extension Education & Communication Management in the pay scale of Rs 37400 -67000+AGP Rs.10000/- p.m.+ Rs. 500/- p.m. special allowance.

i) B.Sc. (Hons) Home Science/B.Sc. (Home Science)/ B.Sc. (Hons) Community Science


iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
Head, Department of Family Resource Management in the pay scale of Rs.37400-67000+AGP Rs.10000/- p.m.+ Rs. 500/- p.m. special allowance.

i) B.Sc. (Hons) Home Science/B.Sc. (Home Science)/ B.Sc. (Hons) Community Science .

ii) Ph.D. in Family Resource Management/Home Management.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
Head, Department of Apparel & Textile Science in the pay scale of Rs 37400 - 67000+AGP Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.

i) B.Sc. (Hons) Home Science/B.Sc. (Home Science)/ B.Sc. (Hons) Community Science.

ii) Ph.D. in Clothing & Textile/Apparel & Textile Science/Textile & Apparel Design.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
14 Head, Department of Farm Machinery & Power Engineering in the pay scale of Rs.37400-67000+AGP Rs. 10000/- p.m.+ Rs. 500/- p.m. special allowance.


ii) Ph.D. in Farm Power & Machinery/Farm Machinery & Power Engg.

iii) At least second division at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
15 **Head, Department of Civil Engineering in the pay scale of Rs 37400 -67000+AGP Rs.10000/- p.m. + Rs. 500/- p.m. special allowance.**


iii) At least second division at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) The candidate must be a Professor or equivalent in the relevant discipline having leadership, ability and capacity to organize and supervise the work of others.

v) Matric level certificate of Punjabi language of Punjab School Education Board or any other equivalent. (If not, the candidate is required to pass the same within one year of appointment).

vi) The candidate must have passed Departmental examination in accounts meant for teachers. (If not, the candidate is required to pass the same within one year of appointment).
16: **Principal Scientist (Nanotechnology & Product Development)** in the pay scale of Rs.37400-67000+ AGP Rs.10000/.


ii) Ph.D in Nanotechnology/Food Technology/Life Sciences.

iii) At least 60% marks at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.00 at Master's level.

iv) Ten years’ experience in teaching/ research/ extension education in the relevant area out of which, at least two years should be as Associate Professor or equivalent in the pay scale of Rs.37400-67000+AGP Rs.9000/- and remaining as Assistant Professor or equivalent. (The period spent in obtaining Ph.D. degree while in service or otherwise will not be counted towards experience for recruitment).

v) Experience in Product Development using Nanotechnology/ Food Technology and transfer of Technology will be preferred. Substantial contributions to research in product development and scholarship as evidenced by the quality of research papers published. The candidate has published up to 10 full length research papers having cumulative NAAS rating not less than 60.

vi) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language). (If not, the candidate is required to pass the same within one year of appointment).

**Job Responsibilities:**

i) To undertake research/teaching /extension education activities.

ii) To take initiatives for developing research projects and to obtain funding.

iii) Product Development and Commercialization.

iv) Any other duty that may be assigned from time to time.
Food Technologist (Packing) in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/-.


iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/ UGC/ CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009

OR

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Note 5: The candidate should have cleared 4 years degree programme at Graduation/Bachelor’s level except degree in basic science and social science discipline. The candidates who have completed Bachelor degree in three years should have cleared their deficiency courses in relevant subjects of Bachelor’s degree during their Master’s degree or should have completed one year duration Hons./bridged/special programme etc.

Job Responsibilities:

i) To undertake research/teaching/ extension education activities.

ii) To take initiative for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time.
Pulse Breeder in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/- p.m.


ii) Master's degree in Plant Breeding/Plant Breeding & Genetics/Genetics in Crop Plants.

iii) At least 60% marks at Bachelor's level and 65% marks or OCPA of 6.50 out of 10.0 at Master's level.

iv) Must have qualified National Eligibility Test (NET) in Plant Breeding/Plant Breeding & Genetics/Genetics in Crop Plants conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1: A candidate, who does not possess Master's degree in the in Plant Breeding/Plant Breeding & Genetics/Genetics (Crop Plants) but possesses Ph.D. degree in these disciplines shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the Plant Breeding/Plant Breeding & Genetics/Genetics (Crop Plants) shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009.

OR

- The Candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET. and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Note 5: The candidate should have cleared 4 years degree programme at Graduation/Bachelor's level.

- The candidates who have completed Bachelor degree in 3 years should have cleared deficiency courses in relevant subjects of Bachelor's degree during their Master's degree or should have completed one year duration Hons./Bridged/special programme etc.

- The candidates who have done B.Sc./B.Tech in Biotechnology in Plant Sciences should have cleared deficiency courses of bachelor's degree in relevant subject(s) during their master’s degree or should have completed one year duration Hons./Bridged/Special Programme etc.

Job Responsibilities:

i) To undertake research/teaching/extension education activities.

ii) To take initiatives for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time.
19  Assistant Professor (Mathematics) in the pay scale of Rs.15600-39100+AGP
Rs.6000/- p.m.

i)  B.Sc./B.A. with Mathematics.

ii) Master’s degree in Mathematics.

iii) Atleast 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.00 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant discipline conducted by ASRB/UGC/CSIR with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with atleast 4.5 NAAS rating or with Thomson Reuter’s impact factor.

v)  Matric level certificate of Punjabi language of Punjab School Education Board or any other recognized Board (as first or second language)

Note 1: A candidate who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET provided, it has been done with course work as prescribed by the UGC regulations 2009

OR
the candidate completed Ph.D without course work from among 500 top ranking foreign Universities of the world shall be exempted from NET, and

- The candidate has minimum 2 full length publications having cumulative NAAS rating not less than 10.0 or with Clarivate Analytics (CA) impact factor.

OR
- The candidate has minimum 3 research papers, each with atleast 4.5 NAAS rating or with Clarivate Analytics (CA) impact factor.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+ CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Job Responsibilities:

1. To undertake teaching/research/extension education activities.
2. To take initiative for developing research projects and to obtain funding.
3. Any other duty that may be assigned from time to time.
20  Assistant Professor (Statistics) in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/-p.m.

i)  Bachelor’s degree with Mathematics/Statistics.


iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1:  A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2:  The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009 OR

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3:  In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor

Note 4:  Only those research papers will be considered that have been published or accepted for publication by the last date of submission of application.

Job Responsibilities:

i) To undertake teaching/research/extension education activities.

ii) To take initiative for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time.
21  Assistant Professor (Physics) in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/-p.m.

i) Bachelor’s degree with Physics.

ii) Master’s degree in Physics.

iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009

OR

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor

Note 4: Only those research papers will be considered that have been published or accepted for publication by the last date of submission of application.

Job Responsibilities:

i) To undertake teaching/research/extension education activities.

ii) To take initiative for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time.
22 Assistant Professor (Apparel & Textile Science) in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/-p.m.

i) B.Sc. (Hons.)Home Science/Community Science/Fashion Designing.

ii) M.Sc. in Clothing & Textile/Apparel & Textile Science/Fashion Designing.

iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009
OR
The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Note 5: The candidate should have cleared 4 years degree programme at Graduation/Bachelor’s level.
- The candidates who have completed Bachelor degree in 3 years should have cleared deficiency courses in relevant subjects of Bachelor’s degree during their Master’s degree.

Note 6: The candidates who have done B.Sc Home Science in 5 years after Matric or B.Sc. Fashion Designing in 3 years after 10+2 prior to 2015 are also eligible to apply.

Job Responsibilities:

i) To undertake teaching/research/extension education activities.

ii) To take initiative for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time.
23 Scientist (Farm Machinery & Power Engineering) in the pay scale of ₹ 15600-39100+AGP of ₹ 6000/-.  

i) Bachelor’s degree in Agricultural Engineering/Mechanical Engineering.  

ii) Master’s degree in Farm Machinery & Power Engineering/Farm Power Machinery.  

iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.  

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.  

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1:  
A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.  

Note 2:  
The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009  

OR  

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and  

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications  

Note 3:  
In case of non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.  

Note 4:  
Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.  

Note 5:  
The candidate should have cleared 4 years degree programme at Graduation/Bachelor’s level.  

Job Responsibilities:  

i) To undertake research/teaching/extension education activities.  

ii) To take initiative for developing research projects and to obtain funding.  

iii) Any other duty that may be assigned from time to time.
24 Assistant Professor (Farm Machinery & Power Engineering) in the pay scale of Rs. 15600-39100+AGP of Rs. 6000/- p.m.

i) Bachelor’s degree in Agricultural Engineering/Mechanical Engineering.

ii) Master’s degree in Farm Machinery & Power Engineering/Farm Power Machinery.

iii) At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv) Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v) Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET, provided, it has been done with course work as prescribed by the UGC regulations 2009

OR

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

Note 3: In case of non-NAAS rated papers, Clarivate Analytics (CA)impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Note 5: The candidate should have cleared 4 years degree programme at Graduation/Bachelor’s level.

Job Responsibilities:

i) To undertake teaching/research/extension education activities.

ii) To take initiatives for developing research projects and to obtain funding.

iii) Any other duty that may be assigned from time to time
25 Assistant Professor (Animal Science) (Outstation) in the pay scale of Rs.15600-39100+AGP Rs.6000/- p.m.

i). B.V.Sc/B.V.Sc& A.H./B.Sc (Agri)


iii). At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv). Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with at least 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications.

v). (a) Must have passed Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language)

b) Proficiency in spoken Punjabi

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET provided, it has been done with course work as prescribed by the UGC Regulations 2009

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications

Note 3: In case of Non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

Note 4: Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

Note 5: The candidate should have cleared 4 years degree programme at Graduation /Bachelor’s level.

- The candidates who have completed Bachelor degree in 3 years should have cleared their deficiency courses in relevant subjects of Bachelor's degree during their Master's degree or should have completed one year duration Hons./Bridged/special programme etc.

Job Requirements:

i) To undertake extension education/research/teaching activities.

ii) To take initiative for developing research projects to obtain funding.

iii) Any other duty that may be assigned from time to time.
Assistant Professor (Entomology)(outstation) in the pay scale of Rs.15600-39100+AGP Rs.6000/-p.m.

1. B.Sc.(Agri.)/B.Sc(Hort.)/B.Sc(Froestry)/B.Sc(Med)/B.Sc(Hons)/B.Sc Biotechnology in Plant Sciences/B.Tech Biotechnology in Plant Sciences

2. Master’s degree in Entomology

3. At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

4. Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with at least 6 NAAS rating or with Clarivate Analytics (CA) impact factor.

5. (a) Must have passed Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language).

   b) Proficiency in spoken Punjabi

**Note 1:** A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

**Note 2:** The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET provided, it has been done with course work as prescribed by the UGC Regulations 2009

   - The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

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**Note 3:** In case of Non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

**Note 4:** Only those research papers will be considered that have been published or accepted for publications by the last date of submission of application.

**Note 5:** The candidate should have cleared 4 years degree programme at Graduation /Bachelor's level except degree in Basic Sciences and social sciences discipline.

   - The candidates who have completed Bachelor degree in 3 years should have cleared their deficiency courses in relevant subjects of Bachelor’s degree during their Master’s degree or should have completed one year duration Hons./Bridged/special programme etc.

**Note 6:** The candidates who have done B.Sc. (Biotechnology) in Plant Sciences/ B.Tech in Biotechnology in Plant Sciences should have cleared deficiency courses of bachelor's degree in relevant subjects during their master's degree or should have completed one year duration Hons./Bridged/Special programme etc.

**Job Requirements:**

1. To undertake extension education/research/teaching activities.
2. To take initiative for developing research projects to obtain funding.
3. Any other duty that may be assigned from time to time.
27 Assistant Professor (Agronomy)(outstation) in the pay scale of Rs.15600-39100+AGP Rs.6000/-p.m.

i). B.Sc.(Agri.)/B.Sc(Hort.)/B.Sc(Forestry)/B.Sc/B.Sc Biotechnology in Plant Sciences/B.Tech Biotechnology in Plant Sciences

ii). Master’s degree in Agronomy

iii). At least 60% marks at Bachelor’s level and 65% marks or OCPA of 6.50 out of 10.0 at Master’s level.

iv). Must have qualified National Eligibility Test (NET) in the relevant disciplines conducted by ASRB/UGC/CSIR along with one publication in NAAS (National Academy of Agricultural Sciences, New Delhi) rated refereed journal and equivalent with at least 6 NAAS rating or with Clarivate Analytics (CA) impact factor.

v). (a) Must have passed Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board (as first or second language)

b) Proficiency in spoken Punjabi

Note 1: A candidate, who does not possess Master’s degree in the relevant subject but possesses Ph.D. degree in the discipline required at Master’s level, shall be eligible for the post.

Note 2: The candidate holding Doctorate degree in the relevant subject required at Master’s level shall be exempted from passing NET provided, it has been done with course work as prescribed by the UGC Regulations 2009

- The candidate having completed Ph.D without course work from among 500 top ranking foreign Universities of the world as per QS or THE World ranking shall be exempted from NET, and

- The candidate has minimum 2 research publications in the journals with more than 6 NAAS rating or with Clarivate Analytics (CA) impact factor or the journals approved by the University for publications

Note 3: In case of Non-NAAS rated papers, Clarivate Analytics (CA) impact factor journals will be considered as NAAS rated with rating of 6+CA impact factor.

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Note 5: The candidate should have cleared 4 years degree programme at Graduation/Bachelor’s level except degree in Basic Sciences and social sciences discipline.

- The candidates who have completed Bachelor degree in 3 years should have cleared their deficiency courses in relevant subjects of Bachelor’s degree during their Master’s degree or should have completed one year duration Hons./Bridged/special programme etc.

Note 6:- The candidates who have done B.Sc. (Biotechnology) in Plant Sciences/ B.Tech in Biotechnology in Plant Sciences should have cleared deficiency courses of bachelor’s degree in relevant subjects during their master’s degree or should have completed one year duration Hons./Bridged/Special programme etc.

Job Requirements:

i) To undertake extension education/research/teaching activities.

ii) To take initiative for developing research projects to obtain funding.

iii) Any other duty that may be assigned from time to time.
28 Farm Manager (Reserved for visually handicapped)(outstation) in the pay scale of Rs. 9300-34800 +GP Rs.4200/- p.m.

i) B.Sc. Agri. (Hons.) from the recognized University.
ii) Knowledge of Punjabi up to Matric Standard.
iii) Age not less than 18 years and not more than 37 years.

Selection Criteria:

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Weightage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Written/ Skill/ Practical test</td>
<td>50%</td>
</tr>
<tr>
<td>1. Academic (qualifying exam)</td>
<td>30%</td>
</tr>
<tr>
<td>2. Higher qualification</td>
<td>10%</td>
</tr>
<tr>
<td>3. Experience</td>
<td>10%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Note: 1. Written test for the post of Farm Manager is as under:

(I) Technical (related to the post): 25 marks
(II) Arithmetic & mental ability: 15 marks
(III) English: 10 marks
(IV) The minimum qualifying marks for candidates to become eligible shall be 40% of total marks of the written test irrespective of the category. 01 mark will be awarded for each correct answer and ¼ th mark will be deducted for every wrong answer.

Note: 2. ½ mark for each completed half year of technical experience in relevant field will be awarded over and above the minimum required experience, if any.

Note: 3. Percentage of marks in eligibility qualifications multiplied by 0.30 and higher qualification multiplied by 0.10.

4. Age relaxation as per Punjab Govt. rules. However, the relaxation in age up to 45 years for the candidates who have been engaged in the PAU on contract basis. The relaxation in age will be equivalent to the period for which the candidate has served PAU/Govt. Organization/Boards/ Corporations on contract basis.

5. The post is non-promotional and incumbent of the post will be inter-transferable only within Krishi Vigyan Kendras of the State of Punjab.

6. The pay of the incumbent shall be regulated in terms of the Punjab Govt. circular No.7/204/2012-4FPI/66 dated 15-1-2015.
Subject: Revised proposed syllabus for the post of Farm Manager (pay scale Rs. 9300-34800 + Rs 4200/- GP) for conduct of written test

Posts of farm managers are required to be filled up at different seed farms and research stations of the university. A farm manager has to direct and coordinate worker activities such as sowing of seed crop and experiments, irrigation, chemical application, harvesting, grading, upkeep & maintenance of machinery, generating pay roll and record keeping. He should be well conversant with the raising of crops, management of pests diseases, have knowledge of maintaining seed plots and seed standards. He should also have good organizational & time management skills and should have basic computer skills.

A proposed syllabus to assess the knowledge of prospective candidates should include the following:-

1. Agronomic practices and management of pest & diseases of crops like wheat, paddy, maize, cotton, pulses (moong, pigeon pea, lentil), oilseeds (brassica, sunflower), forages (berseem, oat), vegetables (potato, pea, chilli, tomato) and propagation of fruits (kinnow, guava, mango, pear, litchi).
2. Basic of seed production practices: Mating systems in different crops, isolation distances, class of seeds, techniques of hybrid seed production, maintaining purity of seed crop, seed storage and control of storage pests etc.
3. Basic maintenance of farm machinery.
4. Raising and maintenance of livestock.
29 **Surveyor (outstation) in the pay scale/pay matrix (Level -4) with minimum admissible pay Rs.25,500/-**

1. Bachelor degree in Civil Engineering.
   OR
   Three year diploma in Civil Engineering.
   OR
   Surveyor certificate from ITI/CTI with one year experience in Soil Surveying.

2. Matric level certificate of Punjabi language from Punjab School Education Board or any other recognized Board/Agency.

3. Age limit: 18 to 37 years.

**Desirable:** Experience in Soil Survey work.

**Selection Criteria:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Qualifications</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Written/Skill/Practical Test</td>
<td>50 %</td>
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</tr>
<tr>
<td>3</td>
<td>Higher qualifications</td>
<td>10 %</td>
</tr>
<tr>
<td>4</td>
<td>Experience</td>
<td>10 %</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100 %</strong></td>
</tr>
</tbody>
</table>

**Note:**

i). **Written test for the post of Surveyor will be as under:**

- Technical (related to the post): 25 Marks
- Arithmetic & mental ability: 15 Marks
- English: 10 Marks

ii). The minimum qualifying marks for candidates to become eligible shall be 40 % of total marks in the written test irrespective of the category. 01 marks will be awarded for each correct answer and ¼ mark will be deducted for every wrong answer.

iii). ½ mark for each completed half year of technical experience in relevant field over and above the minimum required experience, if any will be awarded.

iv). To calculate score in case of qualifying exam and higher qualifications, the percentage of marks obtained by the candidate shall be multiplied by 0.30 and 0.10 respectively.

v). The pay of the incumbent shall be regulated in the terms of Punjab Govt. Circular no. 7/204/2012-4 FP.1/66 dated 15.1.2015.

vi). As per decision of Board of Management vide notification No.14353 dated 30.10.2018 the relaxation in age will be up to 45 years for the employees who have been engaged in University on contract basis for applying to the non-teaching posts (as per notification No.GSR.33/Const./ART 309/94 dated 4.5.1994 by the Punjab Govt.). The relaxation in age will be equivalent to period for which the employee has served PAU/Govt. organizations/Boards/Corporations on contract basis.

vii). Reservation will be applicable as per Punjab Government policy.
Proposal: Syllabus and test structure for the post of Surveyor at PBS, Ballowal, Saunkhri.

Ref: Memo No. DRIV.AU.2020/NKB(B)/15614 dated 24-12-2020 from Director of Research to The Head, Department of Civil Engineering, PAU, Ludhiana.

Syllabus:

Importance of safety, general safety precautions-Introduction to Trade. Uses of different instruments & equipments used by Surveyor, their types and uses. Lettering using stencils; Scales-different types, principles; Geometrical construction-lines, angles, triangles, quadrilaterals and circles; Classification of survey. Accuracy and speed in field & office work. Common terms used and definitions. Conventional signs and symbols. Use of legends; Linear measuring instruments, their description & uses. Types of chain; Principles of chain survey. Instruments used & their description; Field book-types, methods of entry of check lines-its importance; Types of offset and their limit, town survey traversing with chain, procedure in plotting; Care & maintenance of chain & accessories. Types of obstacles in chaining and methods of overcoming them; Errors in chain survey & their remedies, problems in chain survey, degree of accuracy required procedure of inking & coloring; Use of magnetic needles in survey, types of compass, description, constructional features & uses of compasses, their adjustments-Measurement of directions; Technical terms used in compass survey, difference between angles & bearings, magnetic & true meridians, declination and its variations, local attraction, its detection & elimination; Locating details by bearings, compass survey methods, traversing methods, methods of determining true meridians & declination, methods of plotting closed compass traverse adjustment of closing errors, limits of precision required, field book entries; Relaying of old service errors in compass survey. Testing & adjustment of compass. Plane table survey-merits & demerits, equipments used, methods of plane tabling; Errors in plane tabling & their elimination- other instruments used in combination with plane table, their construction & uses; Tangent clinometers, Dole sole’s clinometers & telescopic alidade; Survey maps-care & maintenance of plane table accessories, procedure of plane tabling; Leveling-parts, types-Cooks reversible level & dumpy level, types of diaphragm, types of staff, technical terms used in leveling, permanent adjustment of leveling instruments; Methods of observation, booking, reduction of levels, types of field book, reciprocal leveling, effects of Earth’s curvature & refraction in leveling, common errors and their elimination, degree of accuracy, introduction to contour; Working out problems on field book reduction, reciprocal leveling & permanent adjustments; Purpose of sectioning, consideration of distance between points, precautions; Steps in plotting sections, selection of
scales, factors affecting selection of formation level- Prismatic formula & its application, calculation of earthwork; Construction and use of boning rods and ghat tracer.; Types of surveys for the location of a road, points to be considered during reconnaissance, preliminary & final location surveys. Alignment of roads, relative importance of length of road, height of embankment and depth of cutting, road gradients, sub-grades, road foundations, drainage, camber, curves and super elevation, road surfaces such as earth road, WBM road cement concrete road bituminous road, etc; Introduction to theodolite, temporary adjustments, procedure in setting up, methods of measurement of horizontal angles, repetition & reiteration systems.; Types of field book used in theodolite survey, adjustment of errors while laying a given angle by repetition, method of setting out straight lines, establishing lines at given angles with given lines.; Instrumental errors, their elimination, permanent adjustment, care & maintenance of theodolite. Method of running a traverse, different methods of measuring angles and bearings.; Methods of plotting traverses- Gales traverse system, checking of measurements of closed & open traverse, use of traverse tables, closing errors & its adjustment; Omitted measurements and their calculation-Practice in working out problems Technical terms in connection with simple triangulation-base line measurements & its correction- procedure of measuring angles-methods of calculating sides from triangulation, data check, errors & precautions.

**Test Structure**

1. There will be **120 questions** and the maximum time allowed will be 2 hours.
2. All questions in the Test will be **Multiple Choice Questions**.
3. Each question will carry **one mark**, with **four** alternatives out of which one answer will be correct.
4. There will be **negative marking**. For every wrong answer, 1/4th mark would be deducted.
   The question(s) not attempted will receive no credit or discredit.
5. Marking more than one response shall be treated as **wrong response**.

\[\text{Director of Research} \]
\[\text{F.A.U. Ludhiana.} \]

\[\text{27 April 2021} \]