


## Proforma for Faculty Profile

1.								
2.	Name	<b>Dr. Prabhakar Kumar Singh</b>						
3.	Date of Birth	01/03/1965						
4.	Designation	Professor Genetics & Plant Breeding						
5.	College Department	College of Agriculture, Kanpur Department of Genetics & Plant Breeding						
6.	Contact info	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Mb. 9415172323</td> <td style="width: 50%;">7355751246</td> </tr> <tr> <td>Email id: pk_singh65@yahoo.com</td> <td><a href="mailto:pk_singh65@yahoo.com">pk_singh65@yahoo.com</a></td> </tr> <tr> <td></td> <td><a href="mailto:pk_singh65@yahoo.com">pk_singh65@yahoo.com</a></td> </tr> </table>	Mb. 9415172323	7355751246	Email id: pk_singh65@yahoo.com	<a href="mailto:pk_singh65@yahoo.com">pk_singh65@yahoo.com</a>		<a href="mailto:pk_singh65@yahoo.com">pk_singh65@yahoo.com</a>
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7.	Year of joining at CSAUA&T	03.11.1992 as Junior Breeder (Sesame)						
8.	Date of last promotion	03.11.2009 as Professor through CAS						
9.	Responsibilities assigned	In-charge, AICRP on Rice Sectional Head, Department of Vegetable Science						
10	Awards received	<ul style="list-style-type: none"> <li>i) HARDF award in 2001-02 from Indian Society of Oilseeds Research, Hyderabad for significant achievements in varietal improvement of linseed.</li> <li>ii) Fellowship award in 2011 from Indian Society of Genetics &amp; Plant Breeding, New Delhi.</li> <li>iii) Distinguished Scientist Award in 2018 from Society for Scientific Development in Agriculture &amp; Technology, Meerut.</li> </ul>						
11	Publications since joining CSAUA&T (give numbers only)	59						

12	Books/ books chapter published	<p><b>Books</b></p> <ol style="list-style-type: none"> <li>Husain, K.; Tripathi, U.K.; Malik, Y.P.; Singh, P.K.; Dubey, S.D.; Ram Chandra and Singh, J. 2009. World Bibliography on Linseed. Edited by R.L. Srivastava, Project Coordinating Unit (Linseed), Kanpur, India, pp: 173.</li> <li>Singh, P.K.; Prakash, Om; Narain, Ved and Dixit, Alka. 2011. Compendium of linseed varieties. Project Coordinating Unit (Linseed), CSAUA&amp;T, Kanpur, India, pp : 107.</li> <li>Kumar,S.; Singh, P.K. and Yadav, H.K. 2019. Linseed: Properties, Production and Uses. Nova Science Publishers, Inc., New York, USA, ISBN 10-1536160903 pp:</li> </ol> <p><b>Book chapters</b></p> <ol style="list-style-type: none"> <li>Singh, P.K. and Srivastava,R.L.2012. Linseed (<i>Linum usitatissimum</i> L.).pp:513-533. In D.N.Bharadwaj (ed.) Breeding of Field Crops. Agrobios (India), Jodhpur (ISBN no.978-81-7754-474-9).</li> <li>Singh, P.K. 2016. Status Paper on Linseed/ Flax Agriculture. In M V Hegde et. al (eds.) Omega-3 Fatty Acids Keys to Nutritional Health. Springer International Publishing Switzerland (ISBN 978-3-319-40456-1) . pp: 21-44</li> <li>Singh, P.K. and Dwivedi, S.K. 2019 Agro- techniques for enhancing production and productivity of linseed in India. In S. Kumar et. al (eds.) Linseed: Properties, Production and Uses. Nova Science Publishers, Inc., New York, USA, ISBN 10-1536160903 pp:</li> <li>Singh, P.K. and Chopra, Pankaj 2019. Flax Fibre : Its Properties and Uses . In S. Kumar et. al (eds.) Linseed: Properties, Production and Uses. Nova Science Publishers, Inc., New York, USA, ISBN 10-1536160903 pp:</li> <li>Singh, P.K. 2019. Heterosis. In R K Yadav (edt) Hand Book of Plant Sciences. Kalyani Publishers, ISBN-978-93-5359-264-6. pp: 426-443.</li> </ol>
13	Technical Bulletins/Manuals/ Catalogues published	<ol style="list-style-type: none"> <li>Singh, P.K.; Husain, K.; Tripathi, U.K.; Malik, Y.P.; Dubey, S.D.; Singh, Achila and Chandra Ram 2015. Linseed : Technology for Increasing Production. Project Coordinating Unit (Linseed), Kanpur, pp: 35</li> <li>Acharya, SS; Singh, D.; Singh, P.K. 2016. Weed Management Technologies for Increasing Productivity of Linseed. Project Coordinating Unit (Linseed), Kanpur. Pp: 17</li> <li>Singh, P.K.; Chopra, P and Singh, D. 2018. Alsi resha utpadan kee unnat teknik. AICRP on Linseed, Project Coordinating Unit (Linseed), ICAR-IIPR, Kanpur. pp: 1-34.</li> <li>Singh, P.K.; Dabbas, M.R., Hari Vijay and Yadav, Ajai.2020. Improved production technology of potato. C.S. Azad University of Agriculture &amp; Technology, Kanpur</li> <li>Srivastava, R.L. and Singh, P. K. 2009. Nucleus and breeder seed production manual of linseed (<i>Linum usitatissimum</i> L.). Project Coordinating Unit (Linseed), CSAUA&amp;T,Kanpur, India, pp: 19.</li> <li>Yadav, R. K.; Singh, P. K.; Singh, H. L. and Singh, P. 2004. Practical Manuals –Principles of Plant Breeding. C.S.A. Univ. of Agric. &amp; Technology, Kanpur, India, pp: 37.</li> </ol>

		7. Srivastava, R.L.; Dubey, S.D.; Singh, Kamlesh; Rai, J.; Singh, Jyoti; Chandra Ram; Kerkhi, S.A.; Singh, P.K.; Husain, K.; Tripathi, U.K.; Saxena, M.C.; Prakash, Om; Yadav, Dinesh 2010 Catalogue on Linseed ( <i>Linum usitatissimum</i> L.) germplasm. Project Coordinating Unit (Linseed), Kanpur, India pp: 40.
14	List of ten best papers published in National journals (> 5 NAAS rating journals) during last 10	<p>1. Singh, P.K.; Srivastava, R.L.; Narain, Ved and Dubey, S.D. 2009. Combining ability and heterosis for seed yield and oil content in linseed. <i>Ind. J. Agric. Sci.</i>, 79 (3) : 229- 232 I 029 6.23</p> <p>2. Singh, P.K.; Akram, M. and Srivastava, R.L. 2009. Genetic diversity in linseed (<i>Linum usitatissimum</i> L.) cultivars based on RADP analysis. <i>Ind. J. Agric. Sci.</i> 79 (12) : 1046-49 I 029 6.23</p> <p>3. Kumar,S.; Singh, P.K.; Dubey, S.D. ; Singh, S.K. and Lamba,A.2017. Heterosis and combining ability analysis for oil content, seed yield and its components in linseed. <i>Int.J.Curr.Microbiol.App.Sci.</i>, 6(11): xx-xx. doi.org/10.20546/ijcmas 2017.611.xx I 199 5.38</p> <p>4. Kashyap, Ashutosh; Yadav, V.K.; Singh, Poonam; Singh, P.K. and Shweta 2020. K-mean and euclidian cluster analysis for salt tolerance rice genotypes under alkaline soil condition. <i>Int.J.Curr.Microbiol.App.Sci.</i>,9(11):xxxx.https://doi.org/10.20546/ijcmas. 2020.911.xx I 199 5.38</p> <p>5. Singh, P.K. 2001a. Genetic diversity in sesame (<i>Sesamum indicum</i> L.). <i>Ind. J. Plant Genet. Resour</i>, 14(2):168-169. I 082 5.12</p> <p>6. Singh, P.K. 2001b. Genetic studies in sesame as a pre-breeding approach. <i>Ind. J. Plant Genet. Resour.</i>, 14(2):169-170. I 082 5.12</p> <p>7. Ved Narain; Gupta, R.R. and Singh, P.K. 2002. Genetic divergence for seed yield, its components and oil content in sesame. <i>Ind. J. Plant Genet. Resour.</i>, 15(2):180-182. I 082 5.12</p> <p>8. Srivastava, R.L.; Singh, P.K.; Singh, J. and Dubey, S.D.2011. PCL8 (IC0563952; INGR10109), a Linseed (<i>Linum usitatissimum</i>) germplasm, with high yield coupled with resistance against major diseases. <i>Indian J. Plant Genet. Resour.</i>, 24(1): I 082 5.12</p> <p>9. Diwakar, S.K., Vajpayi, Madhu and Singh, P.K. 2002. Quality studies of some sesame seeds: oil, protein and fatty acids. <i>J.Oilseeds Res.</i> 19(1):71-72. J 386 5.02</p> <p>10.Singh, P.K. 2004. Identification of specific cross combinations in sesame. <i>J. Oilseeds Res.</i>, 21(2):338-339. J 386 5.02</p> <p>11. Srivastava, R.L.; Dubey, S.D. Singh, P.K.; Ram Chandra and Kerkhi, S.A. 2008. Multi-environment testing, estimates of stability parameters and sustainability index for comparing varieties in linseed. <i>J. Oilseeds Res.</i>, 25 (2) : 150-153. J 386 5.02</p> <p>12. Singh, P.K.; Vajpayi, Madhu; Akram, M. and Ram Naresh 2008. Analysis of genetic variability, character association and path analysis in summer sesame. <i>J. Oilseeds Res.</i>, 25 (2) : 183-185. J 386 5.02</p>

		<p>13. Singh, P.K.; Vajpayi, Madhu; Akram, M. and Ram Naresh 2008. Analysis of genetic variability, character association and path analysis in summer sesame. <i>J. Oilseeds Res.</i>, 25 (2) : 183-185. J 386 5.02</p> <p>14. Ramjeet; Singh, P.K.; Dubey, S.D. and Singh, A. 2009. Combining ability studies for certain quantitative characters in linseed (<i>Linum usitatissimum</i> L.). <i>J. Oilseeds Res.</i> 26(2) : 109-113 J 386 5.02</p> <p>15. Srivastava, R.L.; Pratap, Narendra; Singh, P.K. and Dubey, S.D. 2009. Gene action for seed yield and oil quality attributes in linseed. <i>J. Oilseeds Res.</i>, 26(Spl. Issue): 69-71. J 386 5.02</p> <p>16. Narain, Ved; Srivastava, R.L.; Tiwari, P. K.; Singh, P.K. and Singh, Mahak 2009. Genetics of yield and its attributes in linseed. <i>J. Oilseeds Res.</i>, 26(Spl. Issue): 159-161. J 386 5.02</p> <p>17. Dubey, S.D.; Srivastava, R.L.; Singh, P.K. and Narain, Ved 2009. Genetic variability in yield and quality traits of linseed at different locations. <i>J. Oilseeds Res.</i>, 26(Spl. Issue): 161-163. J 386 5.02</p> <p>18. Ramjeet; Singh, P.K.; Singh, Jyoti and Srivastava, R.L. 2012. Inheritance of <i>Alternaria</i> blight resistance in linseed (<i>Linum usitatissimum</i> L.). <i>J. Oilseeds Res.</i> 29 (1) : 74-76. J 386 5.02</p> <p>19. Singh, P.K.; Srivastava, R.L.; Chandra, R.; Ram, S.; Dubey, M.P.; Ghodke, M.K. and Prakash, Om. 2013. Multi- locational evaluation of linseed (<i>Linum usitatissimum</i> L.) germplasm under rainfed ecology. <i>J. Oilseeds Res.</i> 30 (1) : 15-17. J 386 5.02</p> <p>20. Akram, Mohd.; Singh, P.K.; Singh, Jyoti and Srivastava, R.L. 2014. Molecular variability of <i>Fusarium oxysporum</i> f sp.lini isolates by RAPD analysis. <i>J. Oilseeds Res.</i> 31 (1) : 82-85. J 386 5.02</p> <p>21. Biradar, S.A.; Ajithkumar, K.; Rajanna, B.; Savitha, A.S.; Shubha, G.V.; Shankergoud, I.; Chitapur, B.M. and Singh, P.K. 2016. Prospects and challenges in linseed (<i>Linum usitatissimum</i> L.) production : A review. <i>J. Oilseeds Res.</i> 33 (1) : 1-13 J 386 5.02</p> <p>22. Singh, Jyoti; Singh, P. K. and Srivastava, R. L. 2017. Diseases of linseed (<i>Linum usitatissimum</i> L.) in India and their management - A Review. <i>Journal of Oilseeds Research</i>, 34(2): 1-18. J 386 5.02</p> <p>23. Dwivedi, S.K.; Chandrakar, D. and Singh, P.K. 2018. Effect of establishment methods and varieties on yield and economics of linseed in vertisols. <i>J. Oilseeds Res.</i>, 35(4) : 275-278. J 386 5.02</p>
15	List of ten best papers published in National journals (> 3 NAAS rating journals) during last 10	<p>1. Singh, P.; Singh, B.; Singh, N.P. and Singh, P.K. 2005. Generation mean analysis for green pod yield and protein content in Table pea. <i>J. Food Legumes (Former Ind. J. Pulses Res.)</i>, 18 (1) : 72-73. J 233 4.97</p> <p>2. R.B.P. Nirala, Neha Rani, Chandan Kishore, Singh, P. K. and P.K. Singh. 2017. Character association and path coefficient analysis among seed yield traits and oil content in linseed (<i>Linum usitatissimum</i> L.). <i>Eco. Env. &amp; Cons.</i> 23 (February Suppl.) : S101-S105. E 024 4.89</p>

- 3 Ramjeet; Singh, P.K.; Dubey, S.D.; Kumar, A. and Gautam, C.P.N. 2010. Genetic variability, heritability and genetic advance in linseed (*Linum usitatissimum* L.). *Current Adv. In Agril. Sciences*, 2 (1) : 45-46. C 160 4.69
4. Tewari, P.K; Ahmad, M.; Shukla, I.N.; Pandey, V. and Singh, P.K. 2013. Combining ability for fruit yield and its contributing traits in brinjal. *Current Adv. In Agril. Sciences*, 5 (2) : 189 - 192. C 160 4.69
5. Akram, Mohd.; Singh, P.K.: Singh, Jyoti and Srivastava, R.L. 2015. Genetic variation in *Alternaria* isolates pathogenic to linseed (*Linum usitatissimum* L.) based on RAPD. *Current Adv. In Agril. Sciences*, 7 (2) : 147-150. C 160 4.69
6. Singh, Manoj; Vajpeyi, Madhu and Singh, P. K . 2012. Nutritional evaluation of seeds of some sesame (*Sesamum indicum* L.) genotypes. *Indian J. Agric. Biochem.* 25(2) :146-149. I 024 4.69
7. Singh, P.K.; Thakur, R.; Chaudhary, V.K. and Singh, N.B. 1995. Combining ability and heterosis for yield and panicle traits in rice (*Oryza sativa* L.). *Crop Res.*,10(1):6-12. C 151 4.60
8. Singh, P.K.; Thakur, R.; Chaudhary, V.K. and Singh, N.B. 1996a. Combining ability for grain yield and its components in relation to rice breeding. *Crop Res.*, 11(1): 62-66. C 151 4.60
9. Singh, P.K.; Thakur, R.; Chaudhary, V.K. and Singh, N.B. 1996b. Identification of maintainers and restorers for three CMS lines in rice (*Oryza sativa* L.). *Crop Res.*, 11(1): 131-132. C 151 4.60
10. Singh, P.K.; Dixit, R.K. and Yadav, R.K. 1997. Estimates of genetic parameters, character association and path analysis in sesame. *Crop Res.*, 13(1):115-119. C 151 4.60
11. Singh, P.K.; Dixit, R.K. and Yadav, R.K. 1998. Stability analysis for seed yield and its components in sesame. *Crop Res.*, 15(2&3):227-231. C 151 4.60
12. Yadav, R.K.; Singh, P.K. and Gupta, R.R. 2000. Phenotypic stability for yield and quality attributes in linseed (*Linum usitatissimum* L.), *Crop Res.*, 9(2): 301-304. C 151 4.60
13. Dhirhi N, Shukla R, Mehta N, Singh, P.K.; and Dubey SD 2016. DUS characterization of linseed (*Linum usitatissimum* L.) germplasm. *Plant Archives* 16 (1) 297-302. P 084 4.41
14. Shakuntala, N.M.; Vasudevan, S.N.; Biradar, S.A. ; Rajanna and Singh, P.K. 2015. Characterization of the linseed genotypes using seed image analyzer. *Green Farming* Vol. 6 (2) : 351-353 G 046 4.38
15. Tewari, P.K; Srivastava, R.L.; Singh, P.K. and Shukla, I.N. 2012. Genetics of *Alternaria* blight resistance in linseed (*Linum usitatissimum* L.). *Internat. J. Plant Sci.*, 7 (2) : 285-286 I 309 4.31

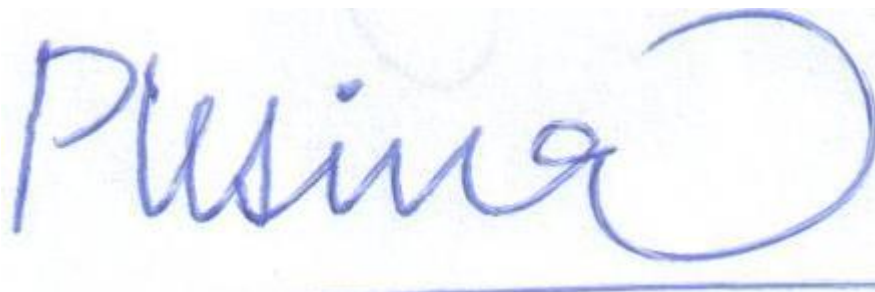
		<p>16. Bhatnagar, Santosh and Singh, P. K. 2013. Studies on morpho-physiological parameters in chickpea. <i>Internat. J. Plant Sci.</i>, 8 (2): 258-261. I 309 4.31</p> <p>17. Kumar, S.; Singh, P.K.; Dubey, S.D. and Lamba, A. 2016. Analysis of combining ability in F1 and F2 generations of diallel cross in linseed for oil content and its quality parameters. <i>Progressive Research</i>, vol 11 (Special-IX): 5871-5874. P 158 4.29</p>
16	List of ten best Publications in International Journals during last 10 years ( ISI Impact factor)	<p>1. Chandrawati; Maurya, Ramanuj; Singh, P.K.; Ranade, S.A. and Yadav, H.K. 2014. Diversity analysis in Indian genotypes of linseed (<i>Linum usitatissimum</i> L.) using AFLP markers. <i>Gene</i> (549): 171-178. G 002 8.50</p> <p>2. Singh, Neha; Kumar, R.; Kumar, S.; Singh, P.K. and Yadav, H.K. 2021 Mapping QTLs for Alternaria blight in Linseed (<i>Linum usitatissimum</i> L.). <i>3 Biotech</i> 11: 91 <a href="https://doi.org/10.1007/s13205-020-02638-y">https://doi.org/10.1007/s13205-020-02638-y</a>. B 130 7.79</p> <p>3. Chandrawati; Singh, Neha; Kumar, R.; Kumar, S.; Singh, P.K.; Yadav, V.K.; Ranade, S.A. and Yadav, H.K. 2016. Genetic diversity, population structure and association analysis in linseed (<i>Linum usitatissimum</i> L.) <i>Physiol Mol Biol Plants</i> DOI 10.1007/s12298-016-0408-5 P 067 7.15</p> <p>4. Singh, P.K.; Akram, M.; Vajpeyi, M.; Srivastava, R.L.; Kumar, Kumud and Ram Naresh 2007. Screening and development of resistant sesame varieties against phytoplasma. <i>Bulletin of Insectology</i>, 60 (2) : 303-304. B 175 7.09</p> <p>5. Singh, Neha; Kumar, R.; Kumar, S.; Singh, P.K.; Singh, B.; Kumar, U.; Khatoon, B. and Yadav, H.K. 2019. Bulk segregant analysis identifies SSR markers associated with Alternaria blight resistance in linseed (<i>Linum usitatissimum</i> L.). <i>J. Env. Biol.</i> 40: 1137-1144. J 189 6.73</p> <p>6. Singh, P.K. 2000. Gene action for seed yield and its components in linseed. <i>Ind. J. Genet.</i>, 60(3):407-410. I 063 6.41</p> <p>7. Singh, P.K. 2002. Heterosis and inbreeding depression in sesame. <i>Ind. J. Genet.</i>, 62(2):169-170. I 063 6.41</p> <p>8. Singh, P.K. and Vajpayi, Madhu. 2003. Inheritance of fatty acids in linseed. <i>Ind. J. Genet.</i>, 63(3):267-268. I 063 6.41</p> <p>9. Bhatnagar, Santosh; Singh, P.K. and Singh, P. 2006. Genetic parameters of heterosis in F1 and F2 generations of chickpea (<i>Cicer arietinum</i> L.). <i>Ind. J. Genet.</i>, 66 (3): 235-236. I 063 6.41</p> <p>10. Ved Narain; Singh, P.K.; Kumar, Nand and Singh, V.S. 2007. Gene effects for grain yield and related traits in sorghum. <i>Ind. J. Genet.</i>, 67 (1) : 34-36 I 063 6.41</p> <p>11. Singh, P.; Bhadauria, A. and Singh, P.K. 2008. Combining ability and gene action for Alternaria blight and powdery mildew resistance in linseed. <i>Ind. J. Genet.</i> 68 (1): 65-67. I 063 6.41</p> <p>12. Singh, P.K.; Sumit and Yadav, D.K. 2015 Inheritance of resistance to bud fly infestation in linseed (<i>Linum usitatissimum</i> L.). <i>Indian J. Genet.</i>, 75(3): 386-388. I 063 6.41</p>
17	Membership of the Professional Societies	<p>Life member of</p> <p>i) The Indian Society of Genetics &amp; Plant Breeding, New</p>

		Delhi. ii) Indian Society of Oilseeds Research, Hyderabad. iii) The Society of Agricultural Professionals, Kanpur iv) The Indian Science Congress Association Kolkata			
18	Conference/Seminar/Symposium attended in the last 10 years ( Name/Place/Year)	i) Attended 5th Uttar Pradesh Agricultural Science Congress - Enhancing Farmer's Income and Water Conservation: Opportunities and Challenges held from Feb 22-24, 2020 at Banaras Hindu University, Varanasi. ii) Attended XIV Agricultural Science Congress – held during March 2020 at NASC complex, New Delhi. iii) Attended XVIII International Plant and Animal Genome Conference and presented a paper entitled “Molecular characterization of <i>Alternaria linicola</i> isolates pathogenic to linseed ( <i>Linum usitatissimum</i> L.)” held from Jan. 9-13, 2010 at San Diego, USA.			
19	Conference/Seminar/Symposium organized as President/Co-ordinator/Secretary ( Name/Place/Year)	Organised National Webinar on “Genome editing and marker assisted selection for precision plant breeding” on 30/05/2020 as Organizing Secretary.			
20	Foreign countries visited	USA			
21	Training Organized in the last 5 years				
22	Training attended in the last 5 years				
23	Externally funded projects handled ( Title/Agency/duration /Amount)	Title	Agency	Duration	Amount (Rs in Lakh)
		Development of high yielding phyllody resistant varieties of sesame through interspecific hybridization	CST, Lucknow	2005-07 02 years	2.72
		Genetic enhancement in linseed through interspecific breeding for <i>Alternaria</i> blight and bud fly resistance	ICAR- P C Unit (Lin seed), Kanpur	2009-12	8.28
		Genetic alteration of fatty acid compositions through chemical mutagenesis in linseed.	DST, New Delhi	2009-12	25.78
		Preparation for plant variety protection and DUS testing through ICAR-SAU system.	PPV & FRA, New Delhi	2014-19 05 years	24.52
		Tagging <i>Alternaria</i> blight resistance loci and marker	UPCAR Luck	2014-16	10.06

		assisted back cross breeding in linseed.	now			
24	List of Current research projects	Title	Agency	Duration	Amount (Rs in Lakh)	
		DBT Network Project on Linseed <b>Sub-project 1</b> : Phenotyping of entire linseed germplasm collection conserved at national gene bank (NGB) for agro-morphological traits.	DBT MST, GOI, New Delhi	2020-25 05 years	59.4244	
		DBT Network Project on Linseed <b>Sub-Project 6</b> : Wide hybridization and genetic enhancement.	DBT, MST, GOI, New Delhi	2020-25 05 years	8.40	
		DBT Network Project on Linseed - <b>Sub-Project 5</b> : Evaluation of linseed germplasm for major abiotic stresses (Drought and salt stress).	DBT MST, GOI, New Delhi	2020-25 05 years	59.4244	
25	Patents held					
26	Varieties/ Technologies Developed in the last 10 years	<b>Name of the varieties</b>	<b>Notification number</b>	<b>Details</b>		
		Padmini (Linseed)	1050 (E), 26.10.1999.	High yield and oil content, released for rainfed		
		Parvati (Linseed)	92(E), 02.02.2001.	Dual purpose linseed resistant to foliar disease		
		Pragati (Sesame)	283(E), 12.03.2003.	Phyllody resistant, white and bold seeded,		
		Sharda (Linseed)	1572 (E), 20.09.2006.	Extra early, released by CVRC for rainfed peninsular region		
		Azad Alsi-1 (Linseed)	2458 (E), 16.10.2008.	Resistant to rust and wilt, released for irrigated		
		Mau Azad Alsi-2 (Linseed)	2326 (E), 10.10.2011.	Released for rainfed cultivation by CVRC in Chhattisgarh, MH, Karnataka, AP & Orissa		
		Ruchi (Linseed)	283(E), 07.02.2011.	Dual type, tolerant to rust & powdery mildew in irrigated condition by CVRC		
		LSL 93 (Linseed)	3220(E), 05.09.2019	Extra early, matures in 93-98 days, released for rainfed cultivation by SVRC in the state of Maharashtra		
		TL 99 (Linseed)	99(E), 06.01.2020	First linseed variety with less than 10% lignin suitable for cooking purpose, released for rainfed		
		PCL-8 (Linseed) - Genetic stock	2010, registration no. - INGR 10109.	Registered as a source for high yield and rainfed		



27	Significant contributions in the area of specialization ( not more than 5	<ul style="list-style-type: none"> <li>❖ Identified trait specific germplasm (yield, earliness, seedling vigour, biotic and abiotic stresses, profuse branching, oil content and linolenic acid ).</li> <li>❖ Documented 289 local land races for 25 descriptors in 2010.</li> <li>❖ Developed a core collection of 222 germplasm from 2239 linseed accessions using 8 quantitative and 12 quantitative descriptors.</li> <li>❖ Registered a linseed genetic stock PCL-8 with PGRC of NBPGR for yield and multiple resistance during 2010.</li> <li>❖ Developed eight high yielding and diseases and pest resistant varieties of linseed i.e., Padmini (1999), Parvati (2001), Sharda (2006), Azad Alsi-1 (2008), Ruchi (2011), Mau Azad Alsi-2(2011) , LSL93( 2019), TL 99 (2020) and one sesame variety Pragati (2003) suitable for different agro-climatic regions of the country.</li> <li>❖ Identified three lines having less than 8.0 % linolenic acid for development of edible purpose linseed.</li> </ul>
28	Participation in the college/university building activities	<p>Actively involved in institution building activities as additional duties as given below:</p> <ul style="list-style-type: none"> <li>➤ Member of Entrance Examination Committee for conducting UPCATET 2020 vide order No.CSAU/R-.5324/UPCATET-2020 dated 19.03.2020.</li> <li>➤ Member of Resource Generation Committee for suggesting measures to increase income of university in the backdrop of COVID 19 pandemic vide order No. CSUE-701/2020 dated 28.05.2020.</li> <li>➤ Nodal officer of development and implementation of project information and management system (PIMS) for management and monitoring of research projects under NAHEP component II vide order no.29/SCWM/NAHEP/2019-20 dated 30.03.2020.</li> <li>➤ Chairman of Central Instrumentation Laboratory (CIL) Committee for suggesting the measures to improve the existing facilities vide order No. CSUE-06/ File no.-951/2020 dated 05.06.2020.</li> <li>➤ Chairman Task Force for university accreditation by NAEAB, ICAR, New Delhi vide order no. 45/Nodal/ICAR/2020-21 dated – 24.06.2020.</li> <li>➤ Convener of Internal Quality Assurance Cell (IQAC).</li> <li>➤ Member of NAAC accreditation committee.</li> </ul>

29	Resource Generated during last 5 years.	More than one lakh as institutional charge from the ongoing research projects.
30	Any other significant academic/research achievement	1.
		 Signature <span style="float: right;">Date <b>30.08.2021</b></span>