

. Name of the head with Profile:



Curriculum-vitae

1. Name : **DR. MAHAK SINGH**
2. Present Post & Address : Professor & Head
Department of Genetics & Plant Breeding,
Chandra Shekhar Azad University of Agriculture
& Technology, Kanpur – 208 002 (U.P.)
Mob.: 09451873875, 7905148547
Res: 0512-2532545, Fax No.0512-2533808
Email Id : Email:mahaksingh.csa@gmail.com
3. Present Pay Scale : Rs.144200-218200 (A-Level-14)
4. Basic Pay & Allowances : Rs.2.05.600+ Rs.63.736 = Rs. 2.69.336/-
5. University Id No. : CSAM061
6. Permanent Address : Dr. Mahak Singh, S/O Late Sri Pitambar Singh
Village- Kharibans, Post-Nakur
Distt- Saharanpur -247442 (U.P.)
7. Correspondence Address : **Dr. Mahak Singh**
Bungalow No.-4, C.S. Azad Univ. Campus,
Nawabganj, Kanpur – 208 002 (U.P.).
8. Date of Birth : 08.01.1965
9. Cast : OBC (Gurjar)
- 10a Date of Joining on the Post of
Professor in the University : 17.10.2009
- 10b Date of Joining on the Post of
Associate Professor in the University : 17.10.2001
- 10c Date of Joining on the Post of
Assistant Professor in the University : 17.10.1992
- 10d Entry in Service : 01.09.1986 (**Lecture in Ag. Botany**)
G.M.V. (P.G.) Collage, Rampur Maniharan
Distt-Saharanpur-247451 (U.P.)
Affiliated to Chaudhary Charan Singh, Meerut
University, Meerut (U.P.)

11. Academic / Professional Achievements

A Research Achievements : Development of varieties

I have contributed **Ten Rapeseed-mustard varieties namely, Urvashi** (RK 9501) in 1999, **Basanti** (RK 8501) in 2001, **Maya** (RK 9902) in 2002, **Kanti** (RK 9807) in 2002, **Ashirwad** (RK 01-3) in 2005, **Pitambari** (RYSK5-2) in 2009, **Tapeshwari**(TK 06-1) in 2018, **Azad Chetana** (TKM14-2) in 2021, **Azad Mahak** (KMR(E)15-2) in 2021 and **Surekha**(KMR 16-2) in 2022.

Patents applied/obtained or implementable technology generated: Five variety of Indian

B Mustard namely, **Urvashi, Kanti, Basanti, Maya and Ashirwad** have been registered in the 2013-14, under PPV&FR, Govt. of India, opp. Todapur Village, NASC complex, New Delhi.

C. Book Published:

S. No.	Book Titled	Author name	Publisher name	Page No.	ISBN No.	Year of publication
1.	Hand Book of Science & Agriculture (in Hindi)	S.P.Singh and Mahak Singh, at. al.	Progressive Publication Society for Scientific Development in Agriculture and Technology, Jhansi-284003 (U.P.)	01-528	81-903964-3-9	First Edition 2008
2.	Seed Production Technology of Oil Seeds Crops (in Hindi)	Mahak Singh and H.P. Chaudhary	University Printing Press, CSAUA&T, Kanpur-208002 (U.P.)	01-52	-	First Edition 2009
3.	Production Technology of Oil Seeds Crops	R. Prasad and Mahak Singh, at. al.	University Printing Press, CSAUA&T, Kanpur-208002 (U.P.)	01-52	-	First Edition 2014
4.	Atlas Economic Botanist, Cereals, Oilseeds, Legumes, Vegetables	M. Singh, M.P. Yadav and Mahak Singh, at. al.	Bishen Singh, Mahendra Pal Singh Publishers & Distributers of Scientific Books, Deharadun-248001 (Uttarakhand)	01-311	978-181211-0919-2	First Edition 2015
5.	Breeding Oilseed Crops	Mahak Singh and Amit Tomar	Agro-India Publication, Allahabad (U.P.)	01-264	978-81-929086-4-9	First Edition 2016
6.	Competitive Book of Genetics and Plant Breeding	Mahak Singh	Rama Publishing House, Meerut (U.P.)	01-238	978-93-87018-11-2	First edition, 2017

7.	Seed Technology Oil Seeds Crops	Mahak Singh	Rama Publishing House, Meerut (U.P.)	01-160	978- 9384479- 79-4	First edition, 2017
8.	Biometrical analysis in yellow sarson	Amit Tomar and Mahak Singh	Lambert Academy Publishing (LAP), Germany	01-310	978-613- 9-93556-4	First edition, 2018
9.	Genetic analysis in Indian mustard	Amit Tomar and Mahak Singh	Lambert Academy Publishing (LAP), Germany	01-180	978-613- 9-92441-2	First edition, 2018
10.	Principals of seed technology (in Hindi)	Mahak Singh and R.S.Lohia	Kalyani publishers New Delhi.	01-182	978-93- 5359-265- 3	First edition, 2019
11.	Rapeseed & Mustard An Overview	Mahak Singh and Amit Tomar	Lambert Academy Publishing (LAP), Germany	01-235	978-613- 9-94449-1	First edition, 2019
12.	Research Trend in seed production technology of oil seed crops,	Mahak Singh and Amit Tomar	Lambert Academy Publishing (LAP), Germany	01-241	978-613- 9-92238-3	First edition, 2019
13.	Principles of Seed Technology	Mahak Singh and Amit Tomar	Kushal Publications & Distributers Books, Varanasi (U.P.)	01-176	978-8193- 8-12839-3	First edition, 2020
14.	Crop Improvement	Mahak Singh Amit Tomar And Harpal Singh	Scholars Press, Germany	01-217	978-613- 8-93085-3	First edition, 2020
15.	Agricultural Research Policy in India : Pre & Post Covid-19 era (Pandemic era)	Mahak Singh And Amit Tomar	Lambert Academy Publishing (LAP), Germany	01-131	978-613- 9-94449-1	First edition, 2021
16	Principles of Genetics And Cytogenetics	Mahak Singh V.V Singh A.K Chaudhary & Amit Tomar	Satish Serial Publishing House Azad Nagar, Delhi- 110033.	01-431	978-93- 90660-90- 2	First edition, 2022

Book Chapters

S. No.	Book Titled	Author name	Publisher name	Page No.	ISBN No.	Year of publication
1.	Organic Farming: Concept and Approaches (Book Agriculture Renewal)	Amit Tomar, Mahak Singh & Rayees Afal Mir	Lambert Academy Publishing (LAP), Germany	1-24	978-3-330-07027-1	2017
2.	Green Revolution, Issues and Impact of Green Revolution in India” (Book Agriculture Renewal)	Amit Tomar and Mahak Singh	Lambert Academy Publishing (LAP), Germany	1-36	978-3-330-07027-1	2017
3.	Organic farming for sustainable development in changing World scenario: A review (Book Integrated Farming System: The Future of Agriculture)	Amit Tomar and Mahak Singh	Weser Books, No. 78737, Aussere Websenstr. 57 02763 Zittau, Germany.	1-27	978-3-96492-050-8	2018
4.	Pollination/Fertilization in flowering plants	R.K. Yadav, Mahak Singh and S.V. Singh	Kalyani publishers New Delhi.	532-546	978-93-5359-264-6	2019
5.	Conservation Agriculture: Enhancing Productivity and Sustainability”.	Sonu Kumar, Amit Tomar, Mahak Singh and Harpal Singh	Learning Media Publication, A-16, Aman Vihar, Mawana Road, Opp, J.P. Academy, Meerut-250001, Uttar Pradesh	30-36	978-81-942503-9-5	2020
6.	Conservation Agriculture: Enhancing Productivity and Sustainability”. India.	Mahak Singh and Amit Tomar	Learning Media Publication, A-16, Aman Vihar, Mawana Road, Opp, J.P. Academy, Meerut-250001, Uttar Pradesh	110-126	978-81-942503-9-5	2020

7.	Conservation Agriculture: Enhancing Productivity and Sustainability	Harpal Singh, Amit Tomar and Mahak Singh	Learning Media Publication, A-16, Aman Vihar, Mawana Road, Opp, J.P. Academy, Meerut-250001, Uttar Pradesh	127-136	978-81-942503-9-5	2020
8.	Conservation Agriculture: Enhancing Productivity and Sustainability”.	Amit Tomar and Mahak Singh	Learning Media Publication, A-16, Aman Vihar, Mawana Road, Opp, J.P. Academy, Meerut-250001, Uttar Pradesh	137-147	978-81-942503-9-5	2020
9.	Health and nutritional benefits of soybean: An overview, New Dimensions for Crop Sciences.	Ravindra Kumar Kasana, Amit Tomar, Mahak Singh & Prabhat Tiwari	Weser Books, No.- 78737, Aussere Webserstr-57, 02763, Zittau, Germany.	13-31	978-3-96492-155-0	2020
10.	Organic farming and natural resources management for sustainable agriculture, New Dimensions for Crop Sciences.	Rajendra Kumar, Amit Tomar and Mahak Singh	Weser Books, No.- 78737, Aussere Webserstr-57, 02763, Zittau, Germany.	1-12	978-3-96492-155-0	2020
11.	Advances in Agricultural and Rural Development.	Sonu Nagar, Amit Tomar, Mahak Singh and Prabhat Tiwari (2020).	Rubicon Publications, 4/4 A Bloomsburry Square, London, WC/A 2RP, England.	75-87	978-1-913482-93-0	2020

12.	Seed production techniques of Groundnut for rainfed and dryland areas of Bundelkhand Region. Published in Recent Strategies for Enhanced Crop Productivity”.	Mahak Singh and Amit Tomar	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA.	46-58	978-93-91145-01-9	2021
13.	Hybrid seed production technology in Rice. Published in Recent Strategies for Enhanced Crop Productivity”	Amit Tomar, Jogindra Singh and Mahak Singh	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA. Page no.- 66-76.	66-76	978-93-91145-01-9	2021
14.	Present status, production constraints and future research strategies in Oilseed <i>Brassica</i> species. Published in Recent Strategies for Enhanced Crop Productivity	Mahak Singh and Amit Tomar	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA. Page no.- 118-126.	118-126	978-93-91145-01-9	2021
15.	Seed production techniques of Rapeseed & Mustard. Published in Recent Strategies for Enhanced Crop Productivity”.	Mahak Singh, Amit Tomar and Jogindra Singh (2021).	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA.	149-158	978-93-91145-01-9	2021
16.	Rapeseed & Mustard Breeding : future challenges and present status. Published in “Recent Strategies for Enhanced Crop Productivity	Amit Tomar and Mahak Singh .	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA.	181-198	978-93-91145-01-9	2021
17.	Seed production in varieties and hybrids of castor. Published in “Recent Strategies for Enhanced Crop Productivity”.	Mahak Singh and Amit Tomar (2021).	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA.	209-215	978-93-91145-01-9	2021
18.	Nutritional benefit and value addition of small millets for Bundelkhand farmers. Published in “Recent Strategies for Enhanced Crop	Amit Tomar, Jogindra Singh and Mahak Singh	Walnut Publication, 6834, Cantrell Road # 2096, Little Rock, AR 72207, USA.	216-231	978-93-91145-01-9	2021

	Productivity”.					
19.	Vermi culture Biotechnology for Sustainable Agriculture Development : An Holistic Approaches. Proceeding Books of 4 th International Conference on ‘Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of COVID-19’: Published in a book entitled “Natural Resource Management for Climate Smart Agriculture”.	Amit Tomar and Mahak Singh	Published from Learning Media Publication, Meerut,	49-53	978-81-948799-6-1	2021
20.	Biological Nitrogen Fixation : An Organic Approach for Sustainable Agriculture Development. Proceeding Books of 4 th International Conference on ‘Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of COVID-19’: Published in a book entitled “Natural Resource Management for Climate Smart Agriculture”.	Harpal Singh, Amit Tomar and Mahak Singh	Published from Learning Media Publication, Meerut.	93-100	978-81-948799-6-1	2021
21.	Quality of Rapeseed-Mustard Oil & Seed Meal : Best for Nutritional Security. Proceeding Books of 4 th International Conference on ‘Global Approaches in Natural Resource Management for	Mahak Singh and Amit Tomar	Published from Learning Media Publication, Meerut	49-53	978-81-948799-6-1	2021

	Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of COVID-19': Published in a book entitled "Natural Resource Management for Climate Smart Agriculture".					
22.	An holistic approach for improving the socio-economic conditions of Bundelkhand farmers. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	31-50	978-656-9-93589-2	2021
23.	Future Research strategies in Oilseed <i>Brassica</i> species. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	51-73	978-656-9-93589-2	2021
24.	Nutritional benefits of small millets. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,.	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	74-87	978-656-9-93589-2	2021
25.	Vermicomposting for sustainable agriculture. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	88-100	978-656-9-93589-2	2021
26.	Nutritional value of sesame. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Harpal Singh, Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	101-111	978-656-9-93589-2	2021
27.	Conservation of agricultural Biodiversity : An holistic approach. Published in Agricultural Research Systems in India : Pre & Post Covid-19	Sonu Kumar, Amit Tomar, Mahak Singh and	Lambert Academy Publishing, Germany	112-120	978-656-9-93589-2	2021

	Pandemic Era	Harpal Singh				
28.	Problems of modern agriculture and management practices. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	132-137	978-656-9-93589-2	2021
29.	Rapeseed & Mustard Breeding. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era.	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	138-151	978-656-9-93589-2	2021
30.	Green revolution in India. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era.	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	152-156	978-656-9-93589-2	2021
31.	Effect of climate change on agricultural production and food security. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	157-168	978-656-9-93589-2	2021
32.	Hybrid seed production using male sterility systems in Oilseed <i>Brassica</i> . Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	169-176	978-656-9-93589-2	2021
33.	Organic farming systems in India. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	177-184	978-656-9-93589-2	2021

34.	Canola cultivation in India : status and production systems. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	185-194	978-656-9-93589-2	2021
35.	Breeding for quality improvement in Oilseed <i>Brassica</i> . Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	195-201	978-656-9-93589-2	2021
26.	A profile of Rapeseed & Mustard in India. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	202-208	978-656-9-93589-2	2021
27.	General & hybrid seed production technology of Rapeseed & Mustard (<i>Brassica</i> species). Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era	Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	209-217	978-656-9-93589-2	2021
28.	Sugarcane production technology in India : An holistic approaches. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar, Mahak Singh and Harpal Singh	Lambert Academy Publishing, Germany	218-224	978-656-9-93589-2	2021
29.	Cotton production technology : An holistic approaches. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	Mahak Singh , Amit Tomar and Harpal Singh	Lambert Academy Publishing, Germany	225-232	978-656-9-93589-2	2021

30.	Protein synthesis mechanisms in living organisms. Published in Agricultural Research Systems in India : Pre & Post Covid-19 Pandemic Era,	D.K. Upadhyay, Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	244-248	978-656-9-93589-2	2021
31.	Rapeseed & Mustard : An overview. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era,	Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	8-19	978-613-9-94449-1	2021
32.	Production status, production constraints & future research plans in Oilseed <i>Brassica</i> (<i>Brassica</i> species). Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era,	Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	20-27	978-613-9-94449-1	2021
33.	Molecular mechanisms of protein synthesis in living organisms. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era.	D.K. Upadhyay, Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	28-32	978-613-9-94449-1	2021
34.	Nutritional benefits and value addition of small millets under Bundelkhand region. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era	Amit Kumar, Amit Tomar and Mahak Singh	Lambert Academy Publishing, Germany	33-38	978-613-9-94449-1	2021

35.	Health and nutritional benefits of sesame seeds for Bundelkhand farmers. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era	Sonu Kumar, Amit Tomar and Mahak Singh	, Lambert Academy Publishing, Germany	45-53	978-613-9-94449-1	2021
36.	Improved production technology of cotton for Western Uttar Pradesh. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era	Harpal Singh, Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	64-72	978-613-9-94449-1	2021
37.	Organic farming : concept and approaches. Published in Agricultural Research Policy in India : Pre & Post Covid-19 Pandemic Era	Rayees Afzal Mir, Mahak Singh and Amit Tomar	Lambert Academy Publishing, Germany	73-81	978-613-9-94449-1	2021
38.	Sustainable Agricultural development : organic farming in changing World scenario. Published in Secondary Agricultures : Prespectives and Approaches.	Amit Tomar and Mahak Singh	Published from Learning Media Publication, Meerut.	15-24	978-81-08300-06-1	2022

Technical Book Publications

S. No.	Book Titled	Author name	Publisher name	Year of publication
1.	Weeds management in Barley	Dr,Ramashish Yadav, Dr,Vijay KumarYadav, Shri,Rajveer Singh, Dr,H.G. Prakash	Stuty Enterprises	2018
2.	Effective Control measurs.of Phalaris minor .	Dr,Ramashish Yadav, Dr,Vijay KumarYadav, Shri,Rajveer Singh, Dr,H.G. Prakash	Stuty Enterprises	2018
3.	Management of weeds takneek. in Wheat crop	Dr,Ramashish Yadav, Dr,Vijay KumarYadav, Shri,Rajveer Singh, Dr,H.G. Prakash	Stuty Enterprises	2018

4.	Rai-Sarsoan me beej utpadan takneek.	Dr, Mahak Singh, Dr, C.P. Sachan Dr, Rajveer Singh, Dr,H.G. Prakash	Stuty Enterprises	2019
5.	Rai-Sarsoan ki Aadhuneek kheti.	Dr, Mahak Singh, Dr, Rajveer Singh, Dr,H.G. Prakash.	Stuty Enterprises	2019
6.	Production Technology of Rapeseed-Mustard	Dr, Mahak Singh, Dr,,H.G. Prakash DR Sushil Soloman	Stuty Enterprises	2019
7.	Post Harvest Technology and Utilization of Rapeseed-Musturd	Dr, Mahak Singh, Dr,Amit Tomar Dr,,H.G. Prakash Dr, Sushil Soloman	Stuty Enterprises	2019
8.	Seed Production Technology of Rapeseed-Mustard	Dr, Mahak Singh, Dr,Amit Tomar Dr,H.G. Prakash	Stuty Enterprises	2019

D Research publications

i.	Research papers	:	106
ii.	Paper publication in seminars	:	166
iii	Popular articles	:	34
iv	Training/short courses attended	:	21
V	Workshops attended	:	30
vi	International/National Seminar/ Symposia/ Conference attended	:	46
vii	Thesis guided (M.Sc.)	:	28
vii	Thesis guided (Ph.D.)	:	05
ix	Thesis guiding (M.Sc.) in year 2022-23	:	02
xi	Thesis guiding (Ph. D) in year 2022-23	:	02

d Course designed : The following 3 practical manuals designed for U.G. and P.G. Courses.

- i) Breeding field crops
- ii) Principle of Tree Breeding and Improvement methods.
- iii) Principles of cytology and genetics.

12. Course taught /being taught

a I am course leader of the following courses :

- i) Principles of Cytology and Genetics AGS-106 B.Sc. (Forestry) Ist Semester.
- ii) Principle of Tree Breeding and Improvement methods FRS-108 B.Sc. (Forestry) IInd Semester
- iii) Bio technology AGS-208 B.Sc. Forestry IIIrd semester
- iv) Tree breeding FOR 504 M.Sc.(Forestry) IInd Semester

b I am course instructor of the following courses :

- i) Principles of plant breeding GPB (201)-B.Sc. (Ag.) IIIrdsemester
- ii) Breeding field crop GPB (301) – B.Sc. (Ag.) Vth semester
- iii) Breeding of fruit and plantation crops GPB-203 B.Sc. (Horticulture) IVth Semester
- iv) Improvement of Field crops II. GPB-511 M.Sc. (Ag.) IVth semester
- v) Improvement of Field crops I. GPB-510 M.Sc. (Ag.) IInd semester
- vi) Principles of Plant Breeding GPB-503 M.Sc. (Ag.) IInd Semester
- vii) Plant Genetic Resource GPB-605 Ph.D (GPB) IIIrd Semester

13. Transfer of technology

- i. I am actively involved in the training programme of state Agriculture officers/Staff and Farmers for production technologies on Oilseed crops which were Organized by section of oilseeds, Directorate of Extension and State Agriculture Department of U.P.
- ii. I am actively involved to conduct Front Line Demonstrations of Rapeseed mustard in AICRP (R&M). on farmers field every year since last 30 years.

14. Monitoring and Research Coordination:

Item	Details of activity	Level of involvement	Name of the centers	Period	
				From	To
Monitoring	Monitoring the AICRP Coordinated Trials Zone V th	As Team Member	Bhuvneshwar Shillongani, Behrampur, Dholi and Kanke.	08.02.07	14.02.07
Monitoring	Monitoring the AICRP Coordinated Trials Zone II nd &III rd	As Team Member	Bharatpur,Morena, Bawal ,Navgoan, New Delhi and Pantnagar.	12.02.08	18.02.08
Monitoring	Monitoring the AICRP Coordinated Trials Zone I st &II nd	As Team Member	Chatha, Kangra,Hissar, Ludhiana,Bawal, Alwar,Agra.	08.02.09	16.02.09
Monitoring	Monitoring the AICRP Coordinated Trials Zone IV th & Zone V th	As Team Member	Shillongani, Behrampur, Dholi and Kanke.	21.01.10	28.01.10
Monitoring	Monitoring the AICRP Coordinated Trials Zone II nd , III rd &IV th	As Team Member	Jobner, S.K.Nagar and Kota.	09.02.14	16.02.14
Monitoring	Monitoring the AICRP Coordinated Trials Zone I st and II nd	As Team Leader	PAV Ludhiana,Chatha,Kangra, Hissar, Bathinda,Sriganganagar and Gurgoan.	27.02.15	03.03.15
Monitoring	Monitoring the AICRP Coordinated Trials Zone V	Dr. Mahak Singh As Team Leader	Shillongani, Behrampur, Dholi and Kanke.	07.02.17	14.02.17
Monitoring	Monitoring the AICRP Coordinated Trials Zone III	Dr. Mahak Singh As Team Leader	Pantnagar, Agra, Bharatpur,Morena, New Delhi,Jobner	16.02.18	24.02.18
Monitoring	Monitoring the AICRP Coordinated Trials Zone II	Dr. Mahak Singh As Team Leader	IARI,Hisar,Mahendragarh, Bawal, Srigangana and Gurgoan.	11.02.19	18.02.19
Monitoring	Monitoring the	As Team	R.A.S. Dhulukuan	29.02.20	10.03.20

	AICRP Coordinated Trials Zone I & II	Leader	(H.P.),R.A.S. Kangra (H.P.) S.K.U. (J & K) and P.A.U. Ludhiana,(Punjab).		
Monitoring	Monitoring the AICRP Coordinated Trials Zone I & II	As Team Leader	Jobner,Mandore,pali.S.K Nagar & Kota.	15.02.22	07.03.22

- 15. Project proposals processed** : I have submitted two synopsis of the following research project proposals to the Director Research.
- i) Development of yellow seeded varieties of Indian mustard for early sown situations.
 - ii) Development of Indian mustard varieties resistant to fog and suited to late sown situations

16. National / International Awards :

1. Awarded **Chancellor Gold Medal Award 1985** for securing first position in the University in B.Sc. (Ag.) Honours.
2. Awarded **Young Scientist Award 2007** for outstanding contribution in the field of Plant Breeding & Genetics.
3. Awarded **Fellowship Award 2008** for outstanding contribution in the field of Plant Breeding & Genetics.
4. Awarded **Scientist of the year 2009** for outstanding contribution in the field of crop improvement.
5. Awarded **Distinguish Scientist award 2009** for outstanding contribution in the field of crop improvement.
6. Awarded **Scientist of the year 2010** for outstanding contribution in the field of crop improvement.
7. Awarded **Young Scientist Award 2011** for outstanding contribution in the field of crop improvement.
8. Awarded **fellowship Award 2012** for outstanding contribution in the field of Brassica improvement.
9. Awarded **fellowship Award 2013** for outstanding contribution in the field of Brassica improvement.
10. Awarded **Distinguish Scientist award 2014** for outstanding contribution in the field of crop improvement.
11. Awarded **Dr.ManglaRai Oilseed & Millets Award 2015** for outstanding contribution in Brassica improvement.

12. Awarded **Fellowship award 2016** for outstanding contribution in the field of crop improvement.
13. Awarded **Best Scientist Award 2018** for outstanding contribution in the field of crop improvement.
14. Awarded **Gold Medal Award 2019** for outstanding contribution in the field of Brassica crop improvement.

15. **Best M.Sc. Thesis Award 2019** , Mr. Jagdish Prasad Chaurasia ID NO:CA10604/17 under guidance of Dr, Mahak Singh, Prof/Sr.Breeder(R&M) of the work entitled “Genetics of Seed yield and its components under timely sown condition in Indian mustard(Brassica Juncea(L)
16. Czern and coss.)”awarded at 4th National Brassica Conference” Innovative Approaches in oilseed Brassica Toward Self Sufficiency” jointly organized by SRMR Bharatpur & CSAUA&T, Kanpur held on feb,01-03,2019.
17. Dr. Mahak Singh Awarded **CSAU Award of Excellence-2019** for outstanding contribution in the field of Brassica crop improvement programme on 71st Republic Day, on 26 January, 2020 at C.S.A, Uni. Of Agri. & Tech. Kanpur,(U.P.)
18. Dr. Mahak Singh Awarded **Fellow Award** by Indian Society of oilseed research on National seminar 2020 Technological Innovations in Oilseed crops for Enhancing productivity, profitability and nutritional security February 7-8,2020. Hyderabad,(T.S.) India.
19. Dr. Mahak Singh Awarded **CSAU Award of Variety Development -2021** for outstanding contribution in the field of Brassica crop improvement programme on 75th Independence Day, on 15th August, 2021 at C.S.A, Uni. Of Agri. & Tech. Kanpur, (U.P.)
20. Dr. Mahak Singh Awarded **Best Article Award-2022** by Agriculture & Food e-Newsletter Awarded on 06.03.2022 and ISSN: 25818317.

17. Membership of professional societies : I am life member of the following societies

- i) Indian Society of Genetics & Plant Breeding, New Delhi.
- ii) Indian Society of oilseeds Research, Hyderabad (A.P.).
- iii) Indian Society of Plant Bio-chemistry, Kanpur (U.P.)
- iv) Society for Recent Development in Agriculture, Meerut (U.P.).

- v) Society for Scientific development in Agriculture & Technology, Jhansi (U.P.)
- vi) The Society of Agricultural professionals, Kanpur (U.P.)
- vii) Society for Rapeseed-Mustard Research, Sewar, Bharatpur (Rajasthan).
- viii) Society for Hi-Tech Horticulture, Meerut (U.P.)
- ix) Society for Applied Research, Meerut (U.P.)

18 a). I have been appointed as subject specialist in Board of Studies from 2008 to till date at Dr. Ram Manohar Lohia Awadh University, Faizabad(U.P.)

b). I have been appointed as subject specialist in Board of Studies from 2010 to till date at Chaudhary Charan Singh University, Meerut(U.P.)

c). I have been appointed as subject specialist in Board of Studies from 2017 to till date at State University, Allahabad (U.P.)

d). I have been appointed as subject specialist in Board of Studies and Research Advisory Committee in the Department of Genetics and Plant Breeding, Banaras Hindu University, Varanasi (U.P.) from 2017 to till date.

e). I have been appointed as Academic council member in Veer Bahadur Singh Purvanchal University. Jaunpur (U.P.) from Sep.2020 to till date.

f). I have been appointed as Executive council member in Veer Bahadur Singh Purvanchal University Jaunpur (U.P.) from Feb.2021 to till date.

g). I have been appointed as subject specialist in Seed Science & Technology course committee member from May, 2022 to till date at Chaudhary Charan Singh University, Meerut(U.P.)

19 a). Radio and TV Talk : Radio Talks **54** and TV Talks **88**

b). Kisan Mela and Kisan Gosthi attended : **232**

20. Details of Examination of Universities/Academic bodies and recruiting agencies

Name of Examinations	Subjects	Year	Practical	Theory	Thesis evaluation & Viva -voice	Paper setter
Ph.D.	Genetics & Plant Breeding	2002	-	-	From 2002 to till date	From 2002 to till date
M.Sc.(Ag.) & B.Sc. (Ag.)	Genetics & Plant Breeding	1998	From 1998 to till date	From 1998 to till date	-	From 1998 to till date
M.Sc. & B.Sc.	Bio-Technology	2003	From 2003 to till date	From 2003 to till date	-	From 2003 to till date
M.Sc. (Ag.) & B.Sc. (Ag.)	Seed Science and Seed Technology	1998	From 1998 to till date	From 1998 to till date	-	From 1998 to till date
M.Sc. (Ag.) & B.Sc. (Ag.)	Plant Physiology	1998	From 1998 to till date	From 1998 to till date	-	From 1998 to till date
B.Sc.	Environmental Science	2007	From 2007 to till date	From 2007 to till date	-	From 2007 to till date

a) Paper setter in Madhya Pradesh Public Service Commission, Indore from 2008 to till date.

b) Paper moderator in Madhya Pradesh Public Service Commission, Indore from 2009 to till date.

c) Paper setter in Chhattisgarh Public Service Commission, Raipur from 2012 to till date.

d) Paper setter in Uttarakhand Public Service Commission, Haridwar from 2014 to till date.

e) Paper setter in Jharkhand Public Service Commission, Ranchi from 2020 to till date.

f) Paper setter in Uttar Pradesh Public Service Commission, Prayagraj from 2021 to till date.

Experiences of conducting Interviews :

(1)1. Name of Institutions : Gorakhpur University, Gorakhpur

2. Name of the Post : Reader in Agriculture Botany

3. Date & Year : 24th December 2008

4. Level of Interviews : Senior Positions

(2)1. Name of Institutions : MPCs ,Indore

2. Name of the Post : Forest officer / Asstt. Forest Conservator

3. Date & Year : 22-27th June 2009

4. Level of Interviews : Senior Positions

- (3)1. Name of Institutions : M.J.P. Rohilkhand University, Bareilly
2. Name of the Post : Lecturer in Agriculture Botany
3. Date & Year : 21st Dec. 2009
4. Level of Interviews : Senior Positions
- (4)1. Name of Institutions : MPCS, Indore
2. Name of the Post : Assistant Director Agriculture
3. Date & Year : 19-23rd April 2010
4. Level of Interviews : Senior Positions
- (5)1. Name of Institutions : U.P. Higher Education Commission
Allahabad
2. Name of the Post : Lecturer in Botany
3. Date & Year : 5th May, 2010
4. Level of Interviews : Senior Positions
- (6)1. Name of Institutions : UKPCS, Haridwar
2. Name of the Post : Lecturer in Agriculture.
3. Date & Year : 30th Nov. 2010
4. Level of Interviews : Senior Positions
- (7)1. Name of Institutions : MPCS, Indore
2. Name of the Post : Assistant Conservator of Forest
3. Date & Year : 17-21th Jan, 2011
4. Level of Interviews : Senior Positions
- (8)1. Name of Institutions : M.J.P. Rohilkhand University, Bareilly
2. Name of the Post : Lecturer in Agriculture Botany
3. Date & Year : 13th August 2013
4. Level of Interviews : Senior Positions
- (9)1. Name of Institutions : MPCS, Indore
2. Name of the Post : Medical Officer Non-medical
3. Date & Year : 28th Dec. 2013
4. Level of Interviews : Senior Positions

- (10)1. Name of Institutions : Chhattisgarh Public Service Commission,
Raipur
2. Name of the Post : Assistant Director Agriculture
3. Date & Year : 20-24, May2014
4. Level of Interviews : Senior Positions
- (11)1. Name of Institutions : MPPSC, Indore
2. Name of the Post : Scientist Officer (Biology)
3. Date & Year : 26-30 Sep., 2014
4. Level of Interviews : Senior Positions
- (12)1. Name of Institutions : M.J.P. Rohilkhand University, Bareilly
2. Name of the Post : Lecturer in Agriculture Botany
3. Date & Year : 11th Sep. 2015
4. Level of Interviews : Senior Positions
- (13)1. Name of Institutions : ICAR, DRMR Bharatpur, Rajasthan
2. Name of the Post : Sr. Research Fellow
3. Date & Year : 29th June, 2015
4. Level of Interviews : Senior Positions
- (14)1. Name of Institutions : M.J.P. Rohilkhand University, Bareilly
2. Name of the Post : Lecturer in Agriculture Botany
3. Date & Year : 28th August 2016
4. Level of Interviews : Senior Positions
- (15)1. Name of Institutions : ICAR, DRMR Bharatpur, Rajasthan
2. Name of the Post : Sr. Research Fellow
3. Date & Year : 15thDecember, 2017
4. Level of Interviews : Senior Positions
- (16)1. Name of Institutions : C.S.Azad Univ. of Agril. & Tech., Kanpur
2. Name of the Post : Sr. Research Fellow, Guest Faculty, Young
Professional and Computer Operator
3. Date & Year : 27th July to 29th July, 2018
4. Level of Interviews : Senior Positions
- (17)1. Name of Institutions : C.S.Azad Univ. of Agril. & Tech., Kanpur
2. Name of the Post : Professor
3. Date & Year : 9th Jan, 2019
4. Level of Interviews : Senior Positions.

- (18) 1. Name of Institutions : C.S. Azad Univ. of Agril. & Tech., Kanpur
2. Name of the Post : Professor
3. Date & Year : 4th Feb to 8th Feb, 2019
4. Level of Interviews : Senior Positions
- (19) 1. Name of Institutions : C.S. Azad Univ. of Agril. & Tech., Kanpur
2. Name of the Post : Professor
3. Date & Year : 11th June to 12th June 2019
4. Level of Interviews : Senior Positions
- (20) 1. Name of Institutions : ICAR - DRMR Bhratpur , Rajasthan
2. Name of the Post : Departmental Promotion
3. Date & Year : 09th July 2019
4. Level of Interviews : Senior Positions
- (21) 1. Name of Institutions : Rajasthan public Service Commission, Ajmer
2. Name of the Post : Agriculture officer
3. Date & Year : 08th to 09th Aug, 2019
4. Level of Interviews : Senior Positions
- (22) 1. Name of Institutions : Veer Bhadur Singh University, Jaunpur
2. Name of the Post : P.G. Collage Principal
3. Date & Year : 11th to 12th Jan, 2020
4. Level of Interviews : Senior Positions
- (23) 1. Name of Institutions : Veer Bhadur Singh University, Jaunpur
2. Name of the Post : P.G. Collage Principal
3. Date & Year : 26th Aug. 2020
4. Level of Interviews : Senior Positions
- (24) 1. Name of Institutions : Lucknow University, Lucknow (U.P.)
2. Name of the Post : Astt. Prof. G.P.B.
3. Date & Year : 10th July. 2021
4. Level of Interviews : Senior Positions
- (25) 1. Name of Institutions : C.S.A.U. A&T, Kanpur
2. Name of the Post : Professor G.P.B.
3. Date & Year : 22th Sep. 2021
4. Level of Interviews : Senior Positions
- (26) 1. Name of Institutions : C.C.S Meerut Univ. Meerut.
2. Name of the Post : Professor G.P.B.
3. Date & Year : 19th Dec. 2021
4. Level of Interviews : Senior Positions

- (27) 1. Name of Institutions : C.S.J.M. Univ. Kanpur
2. Name of the Post : Professor G.P.B.
3. Date & Year : 09th Jan. 2022
4. Level of Interviews : Senior Positions
- (28) 1. Name of Institutions : Prof. R. S. Singh (Rajju Bhaiya) Univ. Prayagraj.
2. Name of the Post : Professor G.P.B.
3. Date & Year : 15th May. 2022
4. Level of Interviews : Senior Positions

Dated: 10-06-2022

(Mahak Singh)