

# **CURRICULUM VITAE**

## **PERSONAL**

NAME **DR. MUHAMMAD SALEEM JILANI**  
FATHER'S NAME GHULAM JILANI  
DESIGNATION **ASSOCIATE PROFESSOR**  
DEPARTMENT HORTICULTURE  
OFFICIAL ADDRESS FACULTY OF AGRICULTURE, GOMAL  
UNIVERSITY, D.I.KHAN  
HOME ADDRESS JILANI HOUSE OPPOSITE WENSAM  
COLLEGE HOSTEL, GILLANI TOWN,  
D.I.KHAN. Res Phone # 0966 711065  
Mobile # 03339982265  
DATE OF BIRTH 05-03-1965  
N.I.CARD # 1210109077989  
MARITAL STATUS. MARRIED  
RELIGION ISLAM  
NATIONALITY. PAKISTAN  
PROVINCE N.W.F.P

## **EDUCATIONAL QUALIFICATION**

<b>Certificate/ Degrees</b>	<b>Board/ University</b>	<b>Division/ Grade</b>	<b>Year</b>
S.S.C	Peshawar Board	D	1980-81
F.Sc. Agri	Gomal University D.I.Khan	3 <sup>rd</sup>	1983-84
B.Sc. (Hons) Agri.	Gomal University D.I.Khan	1 <sup>st</sup>	1986
M.Sc. (Hons) Agri.	N.W.F.P Agric. Univ. Peshawar	1 <sup>st</sup>	1988
Ph.D.	Gomal University, Dera Ismail Khan		2006

## **RESEARCH/TEACHING EXPERIENCE**

1. Served as “**RESEARCH ASSISTANT**” in Date Palm Research Project sponsored by Pakistan Agricultural research council Islamabad, in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, from January 1988 to September 1990.
2. Worked as a “**PART-TIME LECTURER**” in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, from September 1988 to 29<sup>th</sup> September, 1990.
3. Working as a “**LECTURER**” in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since September 30, 1990 to 11<sup>th</sup> July 2003.
4. Working as a “**NURSERY INCHARGE**” in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since June, 15, 1992.
5. Working as an “**ASSISTANT PROFESSOR**” in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since July 12, 2003 till December, 03, 2008.
6. Working as an “**ASSOCIATE PROFESSOR**” in the Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since December 04, 2008.
7. Working as “**ASSISTANT-TO-DEAN**”, Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since 2-11-2006 till 31-07-2009.
8. Working as a “**CHAIRMAN**”, Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan, since 01-08-2009 till 18-11-2009.

## **TRAINING/ WORKSHOPS**

1. Successfully completed a Trade Diploma in “ELECTRICIAN” from Govt. Polytechnic institute, D.I.Khan sponsored by Overseas Works foundations Vocational Training Programme in 1981, and obtained 64.4 % marks.
2. A training on “Computer Application” (MSTAT and Word Perfect), sponsored by N.W.F.P Agricultural University Peshawar, USAID (TIPAN PROJECT).
3. Training course in weed sciences held on Oct 1-6, 2001 at N.W.F.P Agricultural University Peshawar, organized by UGC (now H.E.C) Islamabad.
4. Priority setting workshop on Horticultural (Southern Region) held on March 5-6, 2002, at Agricultural research Institute, Ratta Kulachi, D.I.Khan.
5. Training Course on MUSHROOM CULTIVATION organized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad in collaboration with Agribusiness Support Fund, Lahore, from 27th July to 1st August, 2009.
6. International Science Conference on “Advances in Agriculture: Prospects and Potentials of Natural Resources in Food Security” held in Faculty of Agriculture, University of Azad Jammu and Kashmir, Rawalakot, from 11-13 August, 2009.

## **MEMBERS/ COMMITTEES ASSIGNED**

1. Member of Board of Studies, Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan from 12-08-95 to 12-08-95 and 11-01-98 to 11-07-2006.
2. Chairman of Board of Studies, Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan from 12-07-2006 up to date.
3. Member of Board of Studies, Faculty of Agriculture, Gomal University, D.I.Khan from 23-06-1996 to 23-06-1999.
4. Member Land Development Committee since 24-07-2004 to 26-06- 2007.
5. Staff Proctor, Faculty of Agriculture, Gomal University, D.I.Khan since 28-10-2004 to 28-10-2005.
6. Ex-Vice President Gomal University Academic Staff Association 2003-2004.

7. Chief editor, Tooba Magazine, Sairaki portion, Faculty of Agriculture, Gomal University, D.I.Khan, 2006.
7. Chairman Plantation Committee, Gomal University, D.I.Khan since 15-11- 2006 to 26-06-2007.
8. Member Landscaping Committee, Gomal University, D.I.Khan since 14-07-2007.
9. Chairman, Departmental Purchase Committee, Department of Horticulture, Faculty of Agriculture, Gomal University, D.I.Khan.
10. Member, Board of studies of the Department of Horticulture, Faculty of Agriculture, University of Azad Jammu and Kashmir, Rawalakot.
11. Chairman, Committee for establishment of a new Commercial Nursery and Mango Orchard, Gomal University, Dera Ismail Khan.

## **RESEARCH PROJECT**

1. Research Associate as a Ph.D. Scholar in a Research Project entitled as “Studies on Management Practices required for bulb formation and seed production of Onion (*Allium cepa*) under the ecological zone of D.I. Khan”, sponsored by HEC in 2001-2002.
2. Principal Investigator in a Promotion Research Project entitled as “Screening of different Turmeric cultivars and adaptation of different cultural practices for the better yield and production under the agro-climatic conditions of D.I.Khan, Sponsored by Gomal University, in 2007-2008.

## PUBLICATIONS

1. Ishtiaq, M.; **M.S. Jilani** and A. Ghaffoor. 1989. Physico-chemical characteristics of sweet oranges (*Citrus sinensis* L) cultivars grown in D.I.Khan. Sarhad. J. Agri. 5(2): 145-148.
2. **Jilani, M.S.**; A. Ghaffoor and F.U. Wazir. 1990. Qualitative aspects of various cultivars of sweet oranges (*Citrus sinensis* L) in D.I.Khan. Gomal Univ. and Res. 10(1): 99-106.
3. **Jilani, M.S.** and A. Ghaffoor. 1991. Morphological measurements and yield of different cultivars of sweet oranges (*Citrus sinensis* L) grown at D.I.Khan. Sarhad. J. Agri. 7(1): 49-51.
4. Rahman, H.; **M.S. Jilani** and A. Ghaffoor. 1995. Effect of different levels of NPK on the performance of three varieties of Cucumber (*Cucumis sativus* L). Gomal Univ. J. Res(A). 15(2): 125-134.
5. Din, S.U.; J.D. Baloch; **M.S. Jilani** and A. Ghaffoor. 1997. Effect of NPK fertilizers on the growth and yield of Potato (*Solanum tuberosum* L.) Cv. Cardinal under the agro-climatic conditions of D.I.Khan.Pak. J. Soil Sci. 13(1-4): 105-107.
6. A brochure on khajoor Ki kasht (in Urdu).
7. A brochure on cultivation of Pea under the agro-climatic conditions of D.I.Khan.
8. Iqbal, M.; F. Subhan; A. Ghaffoor; K. Waseem and **M.S. Jilani**. 1999. Effect of different concentrations of Indole Butyric Acid (IBA) on root initiation and plant survival of Apple cuttings. Pak. J. Biol. Sci; 2(4): 1314-1316.
9. Jan, N.D.; M. Iqbal; A. Ghaffoor; K. Waseem and **M.S. Jilani**. 2000. Effect of NPK fertilizers and plant spacing on the growth and yield of bottle gourd (*Lagenaria siceraria*.M). Pak.J.Bio.Sci. 3(3): 448-449.
10. Khan, A. Q; M. Iqbal; **M.S. Jilani**; A. Ghaffoor and K. Waseem. 2001. Effect of different sowing dates on the yield of Tinda gourd (*Citrullus vulgaris*) var. Fistulous under the agro-climatic conditions of D.I.Khan. On-line J. Biol. Sci. 1(4): 235-237.
11. Ghaffoor, A.; S.U. Rehman; **M.S. Jilani**; K. Waseem and M. A. Nadeem. 2001. Evaluation of various levels of pruning in Falsa (*Grewia asiatica* L). On-line J. Biol. Sci. 1(5): 383-340.

12. Ahmed, S; **M.S. Jilani**; A. Ghaffoor; K. Waseem and S.U. Rehman. 2001. Effect of different levels of NPK fertilizers on the yield and quality of Mango (*Mangifera indica* L). Online. J. Bio. Sci. 1 (4): 256-258.
13. Ghaffoor, A.; K. Ullah; **M.S. Jilani** and K. Waseem. 2001. Response of Nitrogen Levels on the Growth and Yield of Garlic (*Allium sativum*). Pak. J. Bio. Sci. 4(2): 152-153.
14. Ali, S.; A. Ghaffoor; **M.S. Jilani** and K. Waseem. 2001. Effect of different nitrogen levels on the growth and yield of Pea (*Pisum sativum* L.). Pak. J. Bio. Sci. 4(5): 551-553.
15. Ghaffoor, A.; **M.S. Jilani**; G. Khaliq and K. Waseem. 2003. Effect of different NPK levels on the growth and yield of three onion (*Allium Cepa* L) varieties. Asian. J. Plant Sci. 2(3): 342-346.
16. **Jilani. M. S.** and A.Ghaffoor. 2003. Screening of Local varieties of onion for Bulb formation. Int. J. Agri Bio 5(2): 129-133.
17. **Jilani. M. S.** and A. Ghaffoor. 2003. Screening of Local varieties of onion seed production. J. Plant. Sci 2 (9): 688-691.
18. **Jilani. M. S.**; A. Ghaffoor and S.U. Rahman. 2003. Conventional and chemical control of weed in Five cultivars of transplanted onion (*Allium cepa* L.). Pak. J. Weed Sci Res 9 (3-4). 215-224.
19. **Jilani. M. S.**; A. Ghaffoor, K. Waseem and J. I. Farooqi. 2004. Effect of different levels of nitrogen on growth and yield of three Onion. Int. J. Agri, Bio; 6(3): 507-510.
20. Bibi. F.; **M.S. Jilani** and K. Waseem. 2006. Morphological characteristics of different cultivars of mango grown in D.I.Khan. Indus journal of Biological Sciences, 3(1): 664-669.
21. Bano. N.; **M.S. Jilani** and K. Waseem. 2006. Integrated weed management in different varieties of onion. Indus journal of Biological Sciences, 3(1): 678-684.
22. Gul. N.I.; **M.S. Jilani** and K. Waseem. 2006. Effect of split application of nitrogen levels on the quality and quality parameters, of Pea (*Pisum sativum*). International Journal of Agriculture and Biology. 8(2):226-230.
23. Kiran, M.; J.U.D. Baloch, K. Waseem, **M.S. Jilani** and M. Q. Khan. 2007. Effect of different growing media on the growth and development of Dahlia (*Dahlia pinnata*)

- under the agro-climatic condition of Dera Ismail Khan. Pakistan Journal of Biological Sciences 10(22): 4140-4143.
24. Rehman. M.U.; M. Iqbal, **M. S. Jilani** and K. Waseem. 2007. Effect of different plant spacing on the production of Cauliflower (*Brassica oleraceae* var: botrytis) under the agro-climatic conditions of D.I.Khan. Pakistan Journal of Biological Sciences. 10(24): 5031-5034.
  25. **Jilani. M. S.**, M. Ramzan and K. Waseem. Impact of weed management practices on the growth and yield of local genotypes of Onion. Pakistan Journal of Weed Science Research. 13(3-4): 191-198, 2007.
  26. **Jilani. M. S.**, M. F. Afzaal and K. Waseem. Effect of different levels of nitrogen on the growth and yield of Brinjal (*Solanum melongena*. L). Journal of Agricultural Research 46(3): 245-251, 2008.
  27. Waseem. K., Q. M. Kamran and **M. S. Jilani**. Effect of different levels of nitrogen on the growth and yield of cucumber (*Cucumis sativus*). Journal of Agricultural Research. 46(3): 259-266, 2008.
  28. Waseem. K., M. Q. Khan, J. Jaskani, **M.S. Jilani** and M.S. Khan. Effect of different auxins on the regeneration capability of Chrysanthemum (*Dendranthema morifolium* L.) nodal segments. Pakistan Journal of Agriculture Research. 21 (1-2): 72-78, 2008.
  29. Waseem. K., **M.S. Jilani** and M.S. Khan. Rapid plant regeneration of Chrysanthemum through shoot tip culture. African Journal of Biotechnology. 8(9): 8871-1877. 2009.
  30. Waseem. K., M. Q. Khan, J. Jaskani, **M.S. Jilani** and M.S. Khan. Effect of different auxins on the regeneration capability of Chrysanthemum (*Dendranthema morifolium* L.) leaf discs. International Journal of Agriculture and Biology. 11( 4): 468-472. 2009.
  31. **Jilani M. S.**, A. Bakar, K. Waseem and M. Kiran. Effect of different levels of NPK on the growth and yield of cucumber (*Cucumis sativus* L.) under the plastic tunnel. Journal of Agriculture and Social Sciences. 5(3) ;99-101. 2009.
  32. **Khan, A.A.**, M.Q. Khan and **M.S. Jilani**. Evaluation of weed management techniques in autumn Potato crop. Pakistan Journal of Weed Science and Research. 15(1): 31-34. 2009.

33. Zubair, M., H.U. Rehman, **M.S. Jilani**, M.Kiran, K. Waseem, A.M. Khattak, A. Rahim, A. A. Khan, A. Qayyum and A. Wahab. Comparison of different weed management Practices in Onion (*Allium cepa* .L) under the agro-climatic conditions of Dera Ismail Khan, Pakistan. Pakistan Journal of Weed Science and Research. 15(1): 45-51. 2009.
34. K. Ishaque, M. Iqbal, **M.S. Jilani** and K. Waseem. Effect of different dozes of nitrogen on the growth and yield of Lettuce (*Lactuca sativa* L.) Journal of Agricultural Research. 47 (4). 405-412.2009.
35. **Jilani. M.S.**; M. Q. Khan and S.U. Rahman. Planting density effect on yield and yield components of Onion (*Allium cepa* .L). Journal of Agriculture Research. 47 (4). 397-404. 2009.
36. **Jilani, M.S.**, T. Burki and K. Waseem. Effect of different nitrogen levels on the growth and yield of Radish (*Raphanus sativus*). Accepted in Journal of Agricultural Research. 48 (2). 2010
37. **Jilani, M.S.**; F. Bibi, K. Waseem and M. A. Khan. Evaluation of Different Mango (*Mangifera indica* L.) Cultivars for their physio-chemical characteristics grown in D.I.khan. Accepted in Journal of Agricultural Research. 48 (2). 2010
38. Iqbal, M., K.M. Khan, **M.S. Jilani** and M. M. Khan. Physio-chemical characteristics of fruits of different cultivars of mulberry grown under the agro-climatic conditions of Miran shah, North Waziristan (NWFP) Pakistan. Accepted in Journal of Agricultural Research. 48 (2). 2010.
39. Khan A.A., M.Q. Khan, **M.S. Jilani** and S. Jawaria. Tuber bulking in autumn sown Cardinal Potato. Accepted in Journal of Agriculture and Environmental Sciences.
40. **Jilani. M.S.**; M. Q. Khan and S.U. Rahman. Effect of plant densities on the yield components of different cultivars of Onion (*Allium cepa* .L). Accepted in Journal of Agriculture Research.
41. **Jilani. M.S.**; M. Q. Khan and S.U. Rahman. Optimizing nutritional requirement for onion Production. Submitted to Pak. J. Botany.
42. **Jilani. M.S.**; M. Q. Khan and S.U. Rahman. Seed production potential of different genotypes of Onion as affected by various levels of NPK fertilizers. Submitted to Pak. J. Botany.



43. Waseem. K., M. Q. Khan, J. Jaskani, **M.S. Jilani** and M.S. Khan. Significance of different plant growth regulators on the regeneration capability of Chrysanthemum (*Dendranthema morifolium* L.) using shoot tip culture. Submitted to Journal of Botany.
44. Waseem. K., M. Q. Khan, **M.S. Jilani** and M.S. Khan. Role of Mercuric Chloride on the sterilization of three explants of Chrysanthemum (*Dendranthema morifolium* L.). Submitted to Gomal University Journal of Research.
45. F. Noureen, **M.S. Jilani**, K. Waseem and M. Kiran. Performance of Tomato hybrids under hydroponic culture. Submitted to Pakistan Journal of Agricultural Sciences.
46. P. Ahmed, **M. S. Jilani**, K. Waseem and M. Kiran. Effect of plant spacing on growth and yield of two varieties of onion (*Allium cepa* L.) under the agro- climatic condition of D.I.Khan. Submitted to Pakistan Journal of Sciences.
47. **Jilani. M.S.**; M. Q. Khan and S.U. Rahman. Effect of planting time and planting age on the bulb production of different Onion (*Allium cepa* .L) cultivars. Submitted to International Journal of Agriculture and Biology.
48. Waseem. K., **M. S. Jilani**, F. Noureen, G. Ullah and M.Ullah. In vitro sterilization of three tomato hybrids using mercuric chloride (HgCl<sub>2</sub>) as disinfectant. Submitted to Gomal Journal of Agriculture and Environmental Sciences.
49. **Jilani. M. S.**, K. Waseem, H.U. Rehamn and M. Kiran. Performance of different turmeric (*Curcuma longa* L.) cultivars under agro-climatic conditions of Dera Ismail Khan. Submitted to Gomal Journal of Agriculture and Environmental Sciences.
50. Waseem. K, **M. S. Jilani**, M. S. Khan, M. Kiran and G.U. Khan. Efficient *in vitro* regeneration of Chrysanthemum plantlets using nodal segments. Submitted to African Journal of Biotechnology.

## Supervision of M.Sc.(Hons)/M.Phil Students Research work

- As a Supervisor:

S.No	Name of the Student	Session	Research Topic
01	Abdul Qayyum Khan	1992	Effect of different levels of nitrogen and phosphorus on the yield and yield components of Red Chillies ( <i>Capsicum annum</i> L.) under the agro-ecological conditions of D.I.Khan
02	Habib-ur-Rehman	1994	Effect of different levels on NPK on the performance of three varieties of Cucumber ( <i>Cucumis sativus</i> L.) under the agro-climatic conditions of Dera Ismail Khan
03	Abdul Khaliq Khan	1994	Studies on Tissue culture of tea ( <i>Camellia sinensis</i> L.).
04	Ehsanullah Khan	1995	Response of chillies ( <i>Capsicum annum</i> L.) to manual weeding intervals under the agro-climatic conditions of D.I.Khan
05	Fiazullah	1996	Effect of different time of budding on the bud success in roses
06	Shakeel Ahmed	1996	Effect of different levels of NPK fertilizers on the yield and quality of Mango ( <i>Mangifera indica</i> L.).
07	Miss Nazia Irum Gul	1999	Effect of split application of Nitrogen levels on the quality and quality parameters of Pea ( <i>Pisum sativum</i> L.)
08	Shoukat Ali	1999	Effect of different Nitrogen levels on the growth and yield of Pea ( <i>Pisum sativum</i> L.)
09	Javed Iqbal Farooqi	2001	Effect of different levels of N of the growth and yield of three Onion varieties
10	Tariq Iqbal Burki	2001	Effect of different N levels on the growth and yield of Radish ( <i>Raphanus sativus</i> L.).
11	Muhammad Ramzan Khan	2003	Conventional and chemical control of weeds on Onion ( <i>Allium cepa</i> L.) under the agro-climatic conditions of Dera Ismail Khan
12	Miss Farzana Aslam	2005	Effect of plant spacing and nitrogen levels on the growth and yield of onion under the agro-climatic conditions of D.I.Khan
13	Miss Farzana Bibi	2005	Evaluation of different cultivars of Mango grown in D.I.Khan
14	Miss Fouzia Noureen	2006	Evaluation of hydroponic culture and in vitro growth responses of Tomato genotypes under green house condition

15	Faheem Afzaal	2006	Effect of different Nitrogen levels on the growth and development of brinjal under the agro-climatic conditions of D.I.Khan
16	Mohammad Rafique	2006	Effect of different chemicals storage intervals and packing material on the shelf life of Mango.
17	Abu-Bakar	2006	Effect of different levels of NPK on the growth and yield of cucumber ( <i>Cucumis sativus</i> ) under the plastic tunnel in Multan
18	Kehkashan Ameer	2008	Performance of different Tomato cultivars under the agro-climatic conditions of D.I.Khan
19.	Muhammad Zubair	2008	Weed management in Onion ( <i>Allium cepa</i> ) under the agro climatic conditions of D.I.Khan
20.	Raheela Bibi	2008	Response of Tea plant to different levels of inorganic fertilizers under nursery condition
21.	Farid Ullah	2008-09	Effect of Variable rates of NPK on the seed yield and quality of Onion ( <i>Allium cepa</i> ) under the agro-climatic conditions of D.I.Khan.
22.	Intekhab Alam	2008-09	Impact of different Pruning levels on the growth and production of Falsa ( <i>Grewia asiatica</i> ) under the agro-climatic conditions of D.I.Khan.
23.	Shafiullah Khan	2009-10	Effect of Nitrogen doses on the performance of turmeric ( <i>Curcuma longa</i> ) in Dera Ismail Khan
24.	Adnan Ahmad	2009-10	Efficacy of different weedicide and traditional methods of weed control in Okra ( <i>Abelmoschus esculentus</i> ) under the agro-climatic conditions of D.I.Khan.

**As a Co-Supervisor:**

<b>S.No</b>	<b>Name of the Student</b>	<b>Session</b>	<b>Research Topic</b>
01	Salahuddin Khan	1991	Effect of N.P.K. fertilizers on the growth and yield of Potato ( <i>Solanum tuberosum</i> L.) variety Cardinal under the agro-climatic conditions of Dera Ismail Khan
02	Muhammad Arshad Farooq	1992	Effect of different times of sowing on the yield and quality of Muskmelon the agro-climatic conditions of Dera Ismail Khan
03	Inayat-ur-Rehman	1994	Effect of different steckling (root) size on the seed production of Raddish ( <i>Raphanus sativus</i> L.).
04	Abdul Qadeer Burki	1996	Effect of different sowing dates on the yield and quality of Tinda gourd ( <i>Citrullus vulgaris</i> L.) variety fistulosus under the agro-climatic conditions of D.I.Khan
05	Kifayatullah Khan	2000	Response of N levels on the growth and yield of Garlic ( <i>Allium sativus</i> )
06	Ghulam Khaliq	2001	Effect of different levels of NPK on the growth and yield of three Onion varieties
07	Nargis Bano	2003	Integrated weed management in different varieties of Onion ( <i>Allium cepa</i> .L).
08	Pazir Ahmed	2003	Effect of plant spacing and nitrogen levels on the growth and yield of three varieties of Onion under the agro-climatic conditions of D.I.Khan

09	Kamran Ishaque	2006	Effect of different dozes of N on the growth and yield of lettuce under the agro-climatic conditions of D.I.Khan
10	Farhan Habib	2006	Effect of different variety seeds on the rootstock development of Mango under the agro-climatic conditions of D.I.Khan
11	Ibrarullah	2006	Effect of different planting dates on the growth and survival of Pome grante ( <i>Punica granatum</i> L.) cuttings under the agro-climatic conditions of D.I.Khan
12	Qazi Kamran	2007	Effect of different levels of nitrogen on the growth and yield of cucumber ( <i>Cucumis sativus</i> L.) under the agro climatic conditions of Dera Ismail Khan
13	Fawad Usman	2007	Effect of Nitrogen and seed yield of Coriander ( <i>Coriandrum sativum</i> ) under the agro-climatic conditions of D.I.Khan.
14	Rabia bibi	2009-10	Effect of different plant spacing on the performance of turmeric ( <i>Curcuma longa</i> ) in Dera Ismail Khan

### **Supervision of Ph.D. Students**

1. Miss Farzana bibi Strategies for enhancing the quality and shelf life of Mango (*Mangifera indica*) fruits grown under Dera Ismail Khan conditions.
2. Abdul Qayyum Khan Topic not yet Decided.
3. Fazle Wahib Topic not yet Decided.

### **Member of Supervisory Committee of Ph.D. Students**

1. Dr. Kashif Waseem Regeneration of Chrysanthemum Plantlets through in vitro culture Techniques.
2. Dr. Muhammad Iqbal Effect of various dactylifera males and pollination innovation in fruit setting and yield of cv. Dhakki under the agro-climatic conditions of Dera Ismail Khan. (Member as a Chairman of the Department)
3. Miss Salma Shaheen Effect of EM (Effective Microbes) along with different doses of organic and in-organic fertilizers on the growth and yield of two winter vegetable crops (Onion and Spinach).

### **Co-supervision of Ph.D. Students**

1. Atiq Ahmad Alizai Tuberization and dry matter accumulation in Potato.
2. Miss Mehwish Kiran Response of root vegetables in integrated nutrient management

