

Brief Resume



Name : Prof. Akhtar Haseeb

Date of Birth : 01.03.1955

Present Position and Address: Vice-Chancellor

**Narendra Dev University of Agriculture
and Technology, Kumarganj, Faizabad-224
229, Uttar Pradesh, India**

**Telephone Number : +91-5270-262161 (O)
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Positions held :

A. Academic Positions and Experience:

Vice-Chancellor (since Oct., 21st, 2014), Narendra Deva University of Agriculture and Technology, Kumarganj, Faizabad; joined Aligarh Muslim University, Aligarh in 1997 as Professor and held various responsible positions, **Dean**, Faculty of Agricultural Sciences, i.e., **Chairman**, Department of Plant Protection, Faculty of Agricultural Sciences and **In-charge**, P. G. Diploma in Pest Management & P.G. Diploma in Horticulture, **Officer-in-charge, AICRP- Nematodes, ICAR, New Delhi, AMU Centre, Aligarh** (November 2005 to 20th Oct., 2014). Started professional career at Central Institute of Medicinal and Aromatic Plants (CIMAP – CSIR), Lucknow and served in various positions, i.e., **Scientist-B** (1983-1988), **Scientist-C** (1988-1993) and **Scientist-E** (1993-1997). **Head, Section of Nematology**, Division of Plant Pathology, **CIMAP, Lucknow** (June, 1983 to March, 1997), JRF, 5th Five Year Plan, UGC (1976-81) and SRF CSIR (1981-83).

B. Administrative Positions and experience:

Vice-Chancellor (since Oct., 21st, 2014), Narendra Deva University of Agriculture and Technology, Kumarganj, Faizabad; joined Aligarh Muslim

University, Aligarh in 1997 as Professor and held various responsible positions, **Dean**, Faculty of Agricultural Sciences, i.e., **Chairman**, Department of Plant Protection, Faculty of Agricultural Sciences and **In-charge**, P. G. Diploma in Pest Management & P.G. Diploma in Horticulture, **Officer-in-charge**, AICRP- Nematodes, ICAR, New Delhi, AMU Centre, Aligarh (November 2005 to 20th Oct., 2014), **Controller of Examinations and Admissions**, **Officer-on-Special Duty (Development)**, officiating **Registrar** and **Member-in-charge**, Dawakhana, Tibbiya College, A. M. U., Aligarh. **Head, Section of Nematology**, Division of Plant Pathology, CIMAP, Lucknow (June, 1983 to March, 1997).

Educational Qualification : M.Sc., M.Phil, Ph.D., PG. Nematol.

Area of Specialization : *Botany (Plant Pathology & Nematology)*

Broad Area : *Plant Protection (Plant Pathology & Nematology)*

Total Experience (in year):

(a) **Teaching (M. Sc. (Ag.)** : **17 Years**
–Plant Protection, P. G.
Diploma in Pest Management
and Horticulture

(b) **Research** : **38**
Years
(Research & Development in
The field of agriculture)

(c) **Administration** : **32 Years**
(Teaching, R & D and Administration)

Honours and Awards : **28**

Patent : **01**
(USA)

[As a member of the team]

Publications :
Total Publications : **393**

Research Papers : **144**
(National and International)
[UK, USA, Italy, France, Chaina etc.]

Book Chapters	:	20
Final Technical Reports of Research Projects	:	08
Abstracts	:	221
Invited Lectures	:	48
Radio-talks	:	23
Participation in National and International Seminars, Conferences & Workshops etc.:		85
Research Projects Supervised (Completed/Ongoing):		16
(a) Project handled and Completed at CIMAP, Lucknow (Total)		6
<i>As Project Leader/Principle Investigator/Office- In-charge</i>		
<i>i) In house R&D Project of CIMAP-CSIR-</i>		4
<i>ii) Funded by ICAR-</i>		2
(b) Project handled/Completed at AMU, Aligarh (Total)		10
<i>As Project Leader/Principle Investigator/Office- In-charge</i>		3
<i>(Funded by UPCAR, Lucknow; AP-Cess Fund- ICAR; NATP- ICAR, New Delhi,)</i>		
<i>As Co-Principle Investigator)</i>		3
<i>(Funded by UPCST, Lucknow & DBT, New Delhi)</i>		
<i>As Principle Investigator/Officer-In-charge,</i>		
<i>(Funded by ICAR, AICRP- Nematodes- ICAR, New Delhi, AMU Centre, Aligarh from 30.11.2005-20.10.2014) and</i>		1
<i>Voluntry Centres of AICRP on “Chickpea-Nematodes”, “Pigeonpea-Nematodes” and “MULLARP-Nematodes” From 2000-2014)</i>		3
Number of Research Students Supervised/Guided:		
Ph. D.		03
M. Phil.		01
R. A.		02
T. A.		02
S.R.F./J.R.F.		10
M. Sc. (Ag.) Plant Protection (Project/Dissertation)		22

BIO-DATA

1. Name : Prof. Akhtar Haseeb

2. Date of Birth : 01.03.1955

3. Present Position & Address : Vice-Chancellor



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262032 (R)

E-mail : vc_nduat2010@yahoo.in

4. Educational Qualification : M.Sc. (1976), M. Phil (1977), Ph.D (1983),
AMU U, Aligarh and PG. Nematol. (IARI, New
Delhi and AMU, Aligarh.

5. Area of Specialization : Botany (Plant Pathology & Nematology)

6. Broad Area : Plant Protection (Plant Pathology & Nematology)

7. Positions held :

A. *Academic Positions and Experience*

Sl. No.	From	To	Name of Organization	Position held
i.	21 st October 2014	Till date	N.D.U.A.&T., Faizabad	Vice-Chancellor
ii.	1997	20 th October 2014	A.M.U., Aligarh	Professor Plant Protection, Department of Plant Protection, Faculty of Agricultural Sciences
iii.	March 1997	September 2000	A.M.U., Aligarh	First In-Charge (Head), Department of Plant Protection, institute of Agriculture
iv.	September 2000 May 2007 May 2013	September 2003 May 2010 Oct 2014	A.M.U., Aligarh	Chairman, Department of Plant Protection, Faculty of Agricultural Sciences
v.	April 1998 May 2007 May 2013	September 2003 May 2010 20 th October 2014	A.M.U., Aligarh	In-charge, P-G Diploma in Pest Management, Center of Professional Courses

vi.	April 2000 May 2007 May 2013	September 2003 May 2010 20 October 2014	A.M.U., Aligarh	P-G Diploma in Horticulture, Center of Professional Courses
vii.	May 2004 August, 2014	September 2006 October 2014	A.M.U, Aligarh	Dean, Faculty of Agricultural Sciences,
viii.	November 2005	20 Oct., 2014	A.M.U., Aligarh	Officer-in-charge, AICRP- Nematodes, ICAR, New Delhi, AMU Centre, Aligarh
xi.	April 1993	March 1997	CIMAP-CSIR, Lucknow	Scientist-E-I
x.	April 1988	March 1993	CIMAP-CSIR, Lucknow	Scientist-C
xi.	June 1983	March 1988	CIMAP-CSIR, Lucknow	Scientist-B
xii.	September 1976	March 1981	A.M.U., Aligarh	5 Five Year Plan UGC Fellowship
xiii.	March 1981	May 1983	A.M.U., Aligarh	SRF, CSIR, New Delhi

B. Administrative Positions/Experience:

- i. **Vice-Chancellor**, Narendra Dev University of Agriculture and Technology, Kumarganj, Faizabad (*21st October till date*).
- ii. **Chairman, Department of Plant Protection, Faculty of Agricultural Sciences**, Aligarh Muslim University, Aligarh (*March 1997 to September 2003 and from May 2007 to May 2010*).
- iii. **Dean, Faculty of Agricultural Sciences**, Aligarh Muslim University, Aligarh (*May 2004 to September 2006 and August 2014- Oct., 2014*).
- iv. **Officer-in-charge, AICRP- Nematodes, ICAR, New Delhi, AMU Centre**, Aligarh (*November 2005 to till date*).
- v. **In-charge, P-G Diploma in Pest Management, Center of Professional Courses**, Aligarh Muslim University, Aligarh (*April 1998 to September 2003, from 2007 to May 2010, April 2013 to 20 Oct., 2014*).
- vi. **In-charge, P-G Diploma in Horticulture, Center of Professional Courses**, Aligarh Muslim University, Aligarh (*April 1998 to September 2003, from 2007 to May 2010, April 2013 to 20 Oct., 2014 and (April 2000 to September 2003 and from May 2007 to May 2010)*).
- vii. **Controller of Examinations and Admissions**, Aligarh Muslim University, (*April 2007– July 2007*).
- viii. **Officer-on-Special Duty (Development)**, A. M. U., Aligarh (*June 2010-March 2012*).
- ix. **Officiating Registrar** A. M. U., Aligarh from time to time.
- x. **Member-in-charge**, Dawakhana, Tibbiya College, A. M. U., Aligarh (*October 2008-Feb., 2012*).
- xi. **Head, Section of Nematology**, Division of Plant Pathology, Central Institute of Medicinal and Aromatic Plants, Lucknow (*June, 1983 to March, 1997*).

8. Significant Achievements in the Field of Agricultural Research, Education and Extension:

- a. **Honours and Awards** (For scientific research, technology and industrial research, leadership in agricultural research and education and overall excellence) :

- i. **“Vigyan Gaurav Award”** for the year **2007-08** of **Uttar Pradesh Council of Science and Technology, Government of Uttar Pradesh** for *“outstanding contribution made in the field of Agricultural Sciences with particular reference to the development of agro-technologies for management of diseases of complex etiology for important crops, i.e., pulses, vegetables, medicinal and aromatic plants for improvement of their quality and production”*. The award carries a cash amount of **Rs. 1, 00000/- (One Lac) and citation.**
- ii. **“Late Shri P. P. Singhal Memorial Award 2009-10”**, The award carries a cash amount of **Rs. 10,000/- (Ten thousand), citation and a memento**, Society of Plant Protection Sciences (SPPS).
- iii. **“Technology Award”**, Council of Scientific and Industrial Research (CSIR) [As Member of the Team] - **1999.**
- iv. **“Outstanding Scientist Award- 1999”**, Society of Plant Protection Sciences (SPPS).
- v. **“Prof. V.P. Bhide Memorial Award Lecture- 2000”**, Indian Society of Mycology and Plant Pathology (ISMPP).
- vi. **“Plant Nematology Leadership Award- 2013”** for contributions in the field of Nematology, Indian Phytopathological Society (MEZ).
- vii. **“Plant Pathology Leadership Award- 2012”** for contributions in the field of Nematology, Indian Phytopathological Society (MEZ).
- viii. **“Recognition award – Gold medal- 2008”** on the occasion of **International Conference on Biodiversity Conservation and Management (BIOCAM, 2008)** for *outstanding research contribution in the field of Plant Protection/Environmental Sciences/Life Sciences.*
- ix. **“Life Time Achievement Award- 2009”** for *outstanding contribution in the field of Plant Protection*, Society for Scientific Development in Agriculture and Technology (SSDAT).
- x. **“Dr. B. Vasantharaj David Award- 2008”**, Applied Zoologists Research Association (AZRA).
- xi. **“Life Time Achievement Award”**, Aligarh Muslim University, Aligarh (2010).
- xii. **“Most Active Teacher Award”**, Aligarh Muslim University, Aligarh (2010).
- xiii. **“Rishi – Nematode Management”- “Honour of Distinction (2003)”**, Society for the Protection of Environment and Sustainable Development (SPESD).
- xiv. **“Young Scientist Award- 1993”**, Applied Zoologists Research Association (FAZRA).
- xv. **“Honorary Fellowship Award-1999”**, Bioved Research Society (FBRs).
- xvi. **Fellow**, Society of Mycology and Plant Pathology (FSMPP).
- xvii. **Fellow**, Applied Zoologists Research Association (FAZRA).
- xviii. **Fellow**, International Society for Conservation of Natural Resources (FISCON).
- xix. **Fellow**, Nematological Society of India (FNSI).
- xx. **Fellow**, Association of Environmental Biologists of India (FAEB).

- xxi. **Fellow**, Indian Phytopathological Society (**FPSI**).
- xxii. **Fellow**, Afro-Asian Society of Nematologists (**FAASN**).
- xxiii. **Fellow**, Indian Botanical Society (**FBS**).
- xxiv. **Fellow**, Bioved Research Society (**FBR**S).
- xxv. **Fellow**, Society for the Protection of Environment and Sustainable Development (**FSPE**SD).
- xxvi. **Bioved-Ratna Award, 2015**, Bioved Research Society.
- xxvii. **3rd National Uttar Pradesh Education Award, 2015** for Excellent Contributions in Education Sector.
- xxviii. **Honoured with “Samman Patra”** by Swadeshi Jagran Manch on the occasion of Teacher’s Day, 5th September, 2015 for Excellent Contributions in Area of Education.

b. Patent:

As a result of concerted efforts made towards development for agro-technologies for medicinal and aromatic plants, **one of the significant contributions to the CIMAP, Lucknow includes the development of a high yielding clone of *Mentha arvensis* cv. Himalaya for commercial cultivation**, which contains high menthol content. An **International Patent was achieved (U.S. Application Serial No. 08/855,768, Patent No. PP 10935, dated 16-01-1999)** and also received **CSIR - Technology Award (1999)** [As Member of the Team].

c. International visits for academic purpose:

Visited *Institute of Food and Agricultural Sciences, North Florida Research and Education Centre, University of Florida, USA* as a **Team Leader** under **National Agriculture Technology Project (NATP)** entitled **“Integrated Management of Plant Nematodes, Soil Pathogens in Pulses-based cropping systems”**. Also visited several Universities, laboratories and agricultural farms and interacted several senior scientists such as *Prof. J.R. Rich, Prof. Larry Duncan, Prof. L.W. Timmer, Prof. R. McSorley, Prof. J. Noeling, Prof. Davis, Prof. Inserra* and *Prof. O’ Banon*, e.t.c. and *explored the possibilities of collaborative research and also delivered lectures at University of Florida, Gainesville and Quincy, USA.*

d. Special recognitions:

i. Board of Directors/President/Vice-President/Chairmanship/Membership of State and National Level High-Powered Committees/Bodies:

- **President, Technical Committee, Uttar Pradesh Government.**
- **Vice President, U. P. Academy of Agricultural Sciences.**
- **Director, Board of Directors, Uttar Pradesh Beej Vikas Nigam.**
- **Nominated Member Spices Board (Union Govt./UP Govt.).**
- **Member, U. P. Council of Science and Technology.**
- **Member, Board of Management, Uttar Pradesh Council of Agricultural Research.**
- **Member, Uttar Pradesh Bhoomi Sudhar Nigam.**
- **Member India Literacy Board.**

- **Member State Level Executive Committee National Livestock Mission, Lucknow**
- **Chairman, Consortium Advisory Committee (C.A.C.) for National Agriculture Innovative Project (NAIP) of ICAR, New Delhi *under the Component-4 of the NAIP, related to Basic and Strategic Research from February 2009 till date.***
- **Member, Board of Management, Forest Research Institute, Deemed University, Dehradun since 2007-2008.**
- **Chairman for two terms, Regional Advisory Committee, Regional Directorate, Central Board for Workers Education, Government of India, Ghaziabad, since 2006.**
- **Expert Member of Assessors Interaction Meeting- General Higher Education Institutions conducted by National Assessment and Accreditation Council (NAAC) held at Bangalore on 3rd-4th August 2011 to represent the Vice-Chancellor, AMU, Aligarh.**
- **Expert Member of NAAC Peer Team of National Assessment and Accreditation Council (NAAC), Bangalore.**
- **Member, Committee for Restructuring of Curricula of Post-Graduate Course in Plant Protection in ICAR Universities (2001).**
- **Associated with Agricultural Scientist Recruitment Board (ASRB), New Delhi.**
- **Associated with Higher Service Commission, Allahabad, Uttar Pradesh.**
- **Associated with Public Service Commission's of various states for setting the question papers and as member of Interview Boards.**
- **Member, Advisory Committee for Publication of three Hindi magazines 'Kheti', 'Phal-Phool' and 'Krishi Chayanika' of ICAR, New Delhi (2007-2010).**
- **Ex-Member, Bio-ethical Committee, AMU, Aligarh, Ministry of Health and Family Welfare, Department of Health, Government of India, New Delhi.**
- **Member, Advisory Committee, "Vigyan Jagat" All India Radio, Lucknow (1988-1990).**
- **Member, Advisory Committee, All India Radio, Lucknow (1995-1997).**
- **Member, DAC'S Meeting to review alternative pesticides to Endosulphan under the Chairmanship of Agriculture Commissioner, Government of India held at Krishi Bhawan, ICAR, New Delhi on 3rd June 2011.**
- ii. **Chairman/Member of other important Bodies/Committees of Academic institutions/organizations, e.t.c.**
- **Chairman, Research Advisory Committee, Bioved Research Institute of Agriculture and Technology, Allahabad (2009).**
- **Member, RDC of Bundelkhand University, Jhansi.**
- **Scientific Advisor, Scientific Advisory Committee of the Institute of Bioengineering and Biological Sciences, Varanasi (2007).**
- **Member, Staff Research Council (SRC) of School of Plant Protection, IARI, New Delhi (2008, 2013).**
- **Member, Board of Faculty of Science, University of Allahabad, Allahabad.**
- **Chairman, Aligarh branch of International Society for Conservation of Natural Resources (ISCON) since 2007.**
- **Chairman/Co-chairman of Technical Sessions of various National and International Symposiums/Seminars/Conferences/Workshops held at various universities and institutions.**
- **Member, Selection Committee for the post of Professor, Reader and Lecturer in Botany/ Plant Pathology /Nematology/ Plant Protection & Member, selection/ assessment committee for the post of JRF/ SRF/ RA/ STA in various Institutions/State/Central/Agriculture Universities.**
- **Member, Assessment Committee for the post of Sr. Assistant Director, CSIR, New Delhi, and for different posts in ICAR institutions.**

• **Member, Screening Committee for Research Projects/Schemes of the Department of Science and Technology (DST), Department of Biotechnology (DBT), Research (ICAR), New Delhi, and Council of Science and Technology (UP and WB Council of Scientific and Industrial Research (CSIR) and Indian Council of Agricultural Research).**

- **Ex-Member, University court, AMU, Aligarh**
- **Ex-Member, Executive council, AMU, Aligarh.**
- **Ex-Member, Examination Committee, AMU, Aligarh.**
- **Ex-Member, Finance Committee, AMU, Aligarh.**
- **Ex-Member, Central Library Committee, AMU, Aligarh.**
- **Ex-Member, Grievance Committee, AMU, Aligarh.**
- **Ex-Member, Draft Committee of Admission policy/AMU Act, AMU, Aligarh.**
- **Ex-Member, Faculty Meeting of Life Science, AMU, Aligarh.**
- **Coordinator for admission in M. Sc. (Ag.) Plant protection, Institute of Agriculture, Aligarh Muslim University, Aligarh for the session 1997-98, 1998-2000 and 2001-2009.**
- **Coordinator for admission in M. Sc. (Ag.) Agricultural Microbiology, Faculty of Agricultural Sciences, Aligarh Muslim University, Aligarh for the session 2001-2009.**
- **Course Coordinator of UGC Sponsored Refresher Course in Agriculture 2001 & 2002 organized at Faculty of Agricultural Sciences, A.M.U., Aligarh.**
- **Member, Bio-ethical Committee, AMU, Aligarh, Ministry of Health and Family Welfare, Department of Health, Government of India, New Delhi.**
- **Member, Committee for Advance Studies and Research, Faculty of Agricultural Sciences, AMU, Aligarh (2012-2014).**
- **Member, Condemnation Committee, Faculty of Agricultural Sciences, AMU, Aligarh (2012-2014).**
- **Member, Standing Committee for consideration of condonation of Attendance, Faculty of Agricultural Sciences, AMU, Aligarh (2012-2014).**
- **Member, Purchase Committee, Faculty of Agricultural Sciences, AMU, Aligarh (2012-2014).**
- **Member, Moderation Committee, Faculty of Agricultural Sciences, AMU, Aligarh.**
- **Member, Board of studies of Centre of Professional Courses of Aligarh Muslim University, Aligarh.**
- **Member, Board of studies of Interdisciplinary Biotechnology Unit of Aligarh Muslim University (since 6th November 2004 to November 2006).**
- **Member, Board of Studies Department of Botany, Aligarh Muslim University, Aligarh since January 1999 (For six years- three terms).**
- **Member, Board of Studies Department of Agricultural Microbiology, Aligarh Muslim University, Aligarh (since February 2000 to 2004).**
- **Represented to Vice-Chancellor of AMU, Aligarh in Vice-Chancellor conferences of Agricultural Universities held at different Universityies/Institutions.**

iii. ***Affiliation with prestigious scientific Bodies/Societies (National and International)***

- **Member, Executive Committee, Afro-Asian Society of Nematologists, UK (1990-1996).**
- **Ex-Member, Advisory Board, Journal of Medicinal Plants.**
- **Ex-Member, Advisory Board, Society for Conservation and Resource Development of Medicinal Plants.**
- **Ex-Editor, International Journal of Nematology, U.K.**
- **Editor, Indian Journal of Plant Pathology.**
- **Ex-Editor, Indian Journal of Mycology and Plant Pathology.**
- **Editor, Current Nematology.**
- **Served as Member, Editorial Board, *Indian Journal of Nematology, Indian Phytopathology, Journal of Applied Zoological Research, Current Nematology, Afro-Asian Newsletter, Indian Journal of Plant Pathology, Annals of Plant Protection Sciences, etc.***
- **Referee for various Journals of Botany/ Plant Protection/ Plant Pathology and Nematology such as: *Proceeding of National Academy of Science, National Academy of Science Letter, Indian Journal of Plant Pathology, Indian Journal of Nematology, Indian Phytopathology, Farm Journal, Current Nematology, Afro-Asian Nematology Newsletter, Annals of Plant Protection Sciences etc.***
- **Councilor, Society of Mycology and Plant Pathology (1997).**
- **Councilor, Nematological Society of India (1986-1988).**
- **Treasurer, Association of Plant Pathologists of India (1987-1993).**
- **Joint Secretary, Association of Plant Pathologists of India (1993–till date).**
- **Member, Executive Committee, Indian Botanical Society since 2008.**

e. Research Projects supervised : 16

Project Leader (at the Central Institute of Medicinal and Aromatic Plants (CIMAP-CSIR), Lucknow :

- i. “Studies on plant parasitic nematodes associated with aromatic grasses in relation to seasonal fluctuations” (Under the main project: Development of improved Agro technologies for some of the important aromatic grasses, *during 1983-1988*) [In house- CIMAP- R&D Project, CSIR, New Delhi].
- ii. “Seasonal variation in ecto- and endo- parasitic nematode populations on different cultivars of *Mentha*” (Under the main project: Development of improved agro-technologies for some of the important *Mentha* species, *during 1983-1997*) [In house- CIMAP- R&D Project, CSIR, New Delhi].
- iii. “Screening of plant and natural products for nematicidal and anti-viral properties against plant parasitic nematodes/ plant viruses” (Under the main project: Survey and screening for bio-active natural products, *during 1989-1997*) [In house- CIMAP- R&D Project, CSIR, New Delhi].
- iv. “Studies on nematode diseases of *Pogostemon patchouli*” (Under the main project: Improving productivity and quality of *Pogostemon patchouli* Pellet *during 1988-1990*) [In house- CIMAP- R&D Project, CSIR, New Delhi].

Principal Investigator of externally aided projects (at the Central Institute of Medicinal and Aromatic Plants (CIMAP-CSIR), Lucknow w:

- v. "Studies on certain aspects of pathogenicity of *Pratylenchus thornei* on mint and its control", 29.03.1989 to 29.03.1993 (ICAR, New Delhi).
- vi. "Studies on nematode diseases of *Ocimum* species and its control", 30.06.1993 to 29.06.1996 (ICAR, New Delhi).

Principal Investigator/Officer-In-charge/Co-P.I. (at A.M.U., Aligarh):

- vii. "Influence of agri-chemicals on lectin mediated *Rhizobium*-legume symbiosis and grain yield in legume crops", 06.04.1999-05.04.2002 (U.P.C.S.T., Lucknow).
- viii. "Management of root-knot nematode and wilt complex, and their interaction in vegetable crops using organic amendments and bio-control agents", 01.01.2001-31.09.2003 (Project No. 1511/54/IPM/RPMC/2000 dated 16.11.2000, UPCAR, Lucknow).
- ix. "Integrated Management of Plant Nematodes/ Soil Pathogens in Pulse Based cropping systems", 01.07.2000 to 30.11.2004 (N.A.T. Project No. RPPS-2, ICAR, New Delhi).
- x. "Studies on *Meloidogyne incognita*, *Rhizoctonia solani* and *Sclerotinia sclerotiorum* disease complex of *Mentha arvensis* and its management through integrated approach", 06.10.2004 -05.10.2007 (AP Cess Fund Scheme No. RPPS-22-2/2004-PP, ICAR, New Delhi).
- xi. "Characterization of Rhizosphere-Competent Bacteria with Intrinsic Bioremediation Potential for developing Bioinoculants Specific to Aligarh Region", 23.02.2004-22.02.2007 (UPCST, Lucknow).
- xii. "Molecular and biochemical characterization of Rhizosphere bacteria for development of super-bioinoculants with collateral bio-control and bio-remediation potential", during 19.11.2003-18.11.2006 (DBT, New Delhi).
- xiii. All India Coordinated Research Project on "Plant Parasitic Nematodes with Integrated Approach for their Control", A.M.U. Centre, Aligarh, 30.11.2005 – 20.10.2014 (Project No. 5-2/2005-PP, AICRP-Nematodes, ICAR, New Delhi).
- xiv. All India Coordinated Research Project on "Chickpea- *Nematodes*", Voluntary Centre, A.M.U. Aligarh, 2000 – till date (ICAR, New Delhi).
- xv. All India Coordinated Research Project on "Pigeonpea- *Nematodes*", Voluntary Centre, A.M.U., Aligarh, 2000-20.10.2014 (ICAR, New Delhi).
- xvi. All India Coordinated Research Project on "MULLaRP- *Nematodes*", Voluntary Centre, A.M.U., Aligarh, 2000 –20.10.2014 (ICAR, New Delhi).

f. **Significant scientific contributions in the field of agricultural research and development:** Made significant contributions to various aspects of science of Nematology/Plant Pathology/Plant Protection, recognized nationally and internationally.

i. **Significant contributions were made for the development of agro-technology for improved cultivation of one of the most valuable cash crop, the mint, *Mentha spp.*, which is known for its essential oil. The mint oil and its constituents have great demand in cosmetic, flavoring, perfumery and pharmaceutical industries. In India, earlier the entire requirement of mint oil was**

met through import, during 1996-97 country earned Rs. 10.49 million through the export of 2.12 million kg of mint oil. This has been made possible by the continuous improvement in the germplasm of mint for its high yielding qualities. ***As a result of concerted efforts, a high yielding clone of Mentha arvensis cv. Himalaya with high menthol content was developed for commercial cultivation (Kumar et al., 1998) and an International Patent was also achieved (U.S. Application Serial No. 08/855,768, Patent No. PP 10935, dated 16-01-1999) [As Member of the Team].*** With the development of the new clone of *Mentha arvensis* cv. Himalaya, export prospects of mint oil increased many fold and the country has earned more foreign exchange. **For the above contributions we received CSIR, New Delhi Technology Award[As member of the Team] for the year 1999.**

- ii. Made an original contribution to study on the diseases of complex etiology affecting the productivity of pulses, *medicinal and aromatic plants* and specially vegetables, and developed the agrotechnology for the management of the diseases through biointensive management strategies and popularized the technology among the farmers of Aligarh, Agra, Bulandshahar, Hathras and Mathura districts. *The IPM technology for vegetables was developed by the financial support of UPCAR, Lucknow and the technology was adopted by the farmers and the IPM technology developed for the management of pulses was carried by the financial support of NAT Project of ICAR.*
- iii. *For the first time identified the species of root-knot nematodes (Meloidogyne incognita and M. javanica) as a serious constraint to the cultivation of Japanese mint (Mentha arvensis), Scotch spear mint (M. cardiaca), species of henbane (Hyoscyamus albus, H. muticus and H. niger), davana (Artemisia pallens) and different species of basil (Ocimum basilicum, O. canum, O. gratissimum, O. sanctum and O. kilimandscharicum). Established the pathogenicity. Also for the determined the effect of root-knot nematodes on the morphological characteristics and physiological process for crop productivity.*
- iv. *Studies were also made for molecular and biochemical characterization of several bacterial and fungal bioagents for the development of biopesticides and also developed the package of agrotechnology for the management of diseases of complex etiology of pulses, vegetables and mint crops in experimental as well as farmer's fields as a part of UPCAR, DBT and (NATP and AICRP) ICAR-New Delhi funded projects. Potential strains of various bio-inoculants (viz., Pseudomonas aeruginosa, P. fluorescens, P. putida, Sternotrophomonas acidaminiphila, Trichoderma harzianum and T. virens) were identified and tested in laboratory and experimental fields for the management of the diseases of important crops. The genome of the potential strains were sequenced and submitted and the information is available on EMBL in Europe and DNA data bank of Japan. The potentiality of these bioinoculants were also demonstrated successfully in the farmer's fields while adopting IPM strategies to improve agriculture productivity.*

- v. For the first time more than hundred medicinal and aromatic plants were reported as a new host for the root-knot nematodes, *Meloidogyne incognita* and *M. javanica*. About twenty weed plants were also reported as new host records of *M. javanica*.
- vi. Determined the effect of various soil types and pH levels on the reproductive and damage potential of root-lesion nematodes, *Pratylenchus thornei* on *Mentha citrata*, *M. piperita* and *M. spicata*.
- vii. Made an original contribution to study the diseases of complex etiology affecting the productivity of vegetables, pulses, medicinal and aromatic plants causing enormous losses to these crops. Developed the agrotechnology for the management of these diseases through Integrated Management Options.
- viii. Germplasm of important pulses and vegetable crops were screened against *Meloidogyne* species and *Fusarium* species to identify sources of resistance against these pathogens.

g. Extension:

Contributed immensely in the demonstrations, popularization and transfer of agrotechnologies through extensive field visits, extension lectures, radio and T.V. talks, published extension bulletins, involvement in various extension programmes arranged by the institute and various other agencies, conducted Farmer's Meet under AICRP- Nematode project.

h. Publications:

Have about **393** publications including **144** research papers published in national and international journals (*USA, UK, Italy, France, China, Bangladesh etc.*) and book chapters, also published **221** abstracts in the proceedings of various national and international seminars/symposia/workshops etc. (Annexure-I).

i. Academic Contributions made:

i. Teaching:

Contributed in teaching of 1., **M. Sc (Ag.) Plant Protection, Ist to 4th Semester courses** (General Plant protection and specialized courses in Plant Pathology/Nematology, 2, **M. Phil. Course Work**, 3, **Ph. D. Course Work**, 4, **P. G. Diploma in Pest Management** and **P. G. Diploma in Horticulture**.

ii. Contribution in Curriculum Development:

Revised the course curriculum of **M. Sc (Ag.) Plant Protection** from time to time and introduced specialization in M. Sc. (Ag.) Entomology and M. Sc. (Ag.) Plant Pathology and Nematology in the degree of Plant Protection. Developed course curriculum for **M. Phil** and **Ph. D. course work**. Contributed in restructuring of curricula of **Post-Graduate Course in Plant Protection in ICAR Universities (2001)** as **one of the members of the committee** constituted for this task.

- iii. **As a Convenor of the Sub-Committee of the Academic Council, Aligarh Muslim University, Aligarh**, contributed in preparation, submission and

examination of draft various proposals submitted by the departments of Faculty of Agricultural Sciences for introducing the new teaching programs for further consideration and introduction of the course(s) by the university, including proposal for B. Sc. (Ag.).

- iv. **Research guidance:**
supervised many **M. Sc. (Ag.)** Plant Protection dissertations, one **M. Phil.** and three, **Ph. Ds., R. As.** and **T.A.s** in research projects.
- v. **Examinership of M. Sc. (Ag.)/M. Phil/Ph. D. Examinations:**
Examiner of more than 30 (Agricultural, Central and State) Universities to evaluate the M. Phil. and Ph. D. thesis and conduct the Viva-voce examinations.
- vi. **As a Dean** of Faculty of Agricultural Sciences and **Chairman** of the department, developed the infrastructure of the faculty and the department to make teaching and research effective and to work for high quality research and teaching in the front line area of various disciplines for solving important problems with the ultimate aim of improving agricultural production and productivity and to produce quality human resource in the field of agriculture.
- vii. **As a Chairman/member** of various **academic bodies/Committees** of various universities/institutes/organizations, **contributed immensely to ensure standard of teaching and research.**
- viii. Participated in **83 Seminars/Symposia/Workshops** etc., and also presented/published research papers/abstracts and attended and addressed a number of workshops, conferences, a number of programmes related to agricultural research and education in the capacity of Vice Chancellor.
- ix. Delivered **invited lectures (48)** in various academic institutions/universities for the benefit of students, researchers, trainees from various academic organizations and delivered a number of extension lectures for the benefit of farmer's community.

j. Administrative contributions:

A. At CIMAP, Lucknow

- i. **Associated in the Development Programmes of the Central Institute of Medicinal and Aromatic Plants, Lucknow:**
Involved in the various developmental programmes under special drive of **Ambedkar employment programme** related to the cultivation and production of mint held at various places, in the development programme of **Field Station, Parura located at district Almora**, worked as **Chairman, Farm Steering Committee** for the period of two years to look after the construction/ fabrication of Greenhouse/Net-house etc.
- ii. **Participation in Institute Management Activities:**
Besides research work, I was also actively associated in various committees of the CIMAP (CSIR), Lucknow during 1983-1997 for the benefit of Institute functioning as **Secretary, Staff Canteen; General Secretary, Staff Club; Member, Library**

Committee; **Member**, TV, Radio and Press Coverage, **sub-committee** for various Institutional functions such as **Science Day, Foundation Day of CSIR, Annual Day**, etc.

B. At AMU, Aligarh

- i. Associated with the A. M. U. administration as **Chairman**, Department of Plant Protection (*March 1997– Sep. 2003 & May 2007–May 2010, May 2013-Oct. 2014*), **Dean**, Faculty of Agricultural Sciences (*May 2004–Sep. 2006, Aug., 2014-Oct., 2014*), and **Controller of Examinations and Admissions** (*April 2007–July 2007*) and **Officer-on-Special Duty (Development)** [*June 2010–March 2012*], looking over all University **development activities** at Aligarh including the newly developing **Centres at Murshidabad (W.B.) and Malappuram (Kerala)**. Discharged the duties as **Officiating Registrar** (time to time). Also looked after the **Management of Dawakhana** (*October 2008 to February, 2012*), Tibbiya College as **Member-in-Charge**.
- ii. Contributed meaningfully in **policy making, academic matters and university administration** being associated with Academic Council, Executive Council and AMU Court, the Supreme Governing bodies of the University and various Member/Chairman of various committees constituted for smooth functioning of the university.

C. As Vice-Chancellor at N. D. University of Agriculture and Technology, Kumarganj, Faizabad:

Performed the duties of administrative head of the university to make the teaching, research and extension activities effective, educative and productive. Within a short period of 14 months of joining, efforts were made to streamline most of the academic and administrative activities/jobs. Special attention was paid to maintain punctuality, discipline, sincerity and faithfulness to duty for the students, teachers and staff members of the university including its 5 colleges and 17 Krishi Vigyan Kendras. Special drive is on for making the university campus clean and green. Some of the significant achievements during this period were, celebration of 16th Convocation, CATET conducted successfully by this university followed by the successful completion of admission process, got the Veterinary College recognized with the bringing of good number of teaching posts, opening of 3 new colleges, besides organization of a number of academic and extension events, i.e, workshops, training programmes, Symposia/Seminars, Kisan Melas, Farmer' Meet, e.t.c.

9. Membership of Scientific Bodies/Societies

- i. **Life member**, Nematological Society of India
- ii. **Life member**, Phytopathological Society of India
- iii. **Life member**, The National Academy of Sciences of India
- iv. **Life member**, Association of Plant Pathologists of India
- v. **Life member**, Indian Botanical Society
- vi. **Life member**, Society of Mycology and Plant Pathology
- vii. **Life member**, Bioved Research Society
- viii. **Life member**, Indian Science Congress Association

- ix. **Life member**, Society of Plant Protection Sciences
- x. **Life Member**, Indian Society of Pulses Research and Development
- xi. **Life Member**, Society for the Protection of Environment and Sustainable Development
- xii. **Life Member**, Applied Zoologists Research Association
- xiii. **Life Member**, Association of Allium Workers in India

10. Radio-talk and Participation as Member in Advisory Committee Meeting of All India Radio (AIR), Lucknow:

Participated in the following radio talks/ discussions and advisory committee meetings organized by All India Radio, Lucknow.

- i. Paryawaran our hamari bhumika, *Under Vigyan Jagat Programme on 06.02.1987.*
- ii. Jeev our van se hi jivan hai, *Under Vigyan Jagat Programme on 04.08.1987.*
- iii. Swachha paryawaran hi swastha jeevan hai, *Under Vigyan Jagat Programme on 10.10.1987.*
- iv. Science Naama, *Under Urdu Programme on 27.02.1988.*
- v. Hamari sehat our science, *Under Urdu Programme on 07.04.1988.*
- vi. Kya aap jante hain, *Under Urdu Programme on 07.08.1989.*
- vii. Zindaginaama- Lewis Pasture, *Under Urdu Programme on 23.01.1990.*
- viii. Keet Nashak Dawayan our unka prabhav, *Under Vigyan Jagat Programme on 27.01.1990.*
- ix. Vigyan Samachar, *Under Vigyan Jagat Programme on 30.08.1990.*
- x. CIMAP ke Nideshak se bhaint warta, *Under Vigyan Jagat Programme on 15.12.1990 as comparer.*
- xi. Biotechnology and genetic engineering, *Under Vigyan Jagat Programme on 15.12.1990.*
- xii. Kaun bharta hai ein phoolon main rang, *Under Vigyan Jagat Programme on 10.06.1993.*
- xiii. Vigyan ki rochak batain, *Under Vigyan Jagat Programme on 08.03.1993.*
- xiv. Vigyan ki rochak batain, *Under Vigyan Jagat Programme on 22.10.1993.*
- xv. CIMAP ke Nideshak se ek mulakat, *Under Vigyan Jagat Programme on 09.07.1994.*
- xvi. Hamare mitra vrikchha- neem, *Under Vigyan Jagat Programme on 14.01.1995.*
- xvii. Petroleum udyog main jaiv prodhyogiki, *Under Yuv-Vani Programme on 24.04.1995.*
- xviii. Prakriti our vigyan- phoolon ka khilna our mahakana, *Under Vigyan Jagat Programme on 08.07.1995.*
- xix. Sabji ki faslon main sootkrimi ka prakop wa bachav, *Under Vigyan our Kisan Programme on 07.02.1996.*
- xx. Sabjion main moolgranthi rog: karan wa bachav, *Under Vigyan our Kisan Programme on 27.11.1996.*
- xxi. Sciencenama, *Under Urdu Programme on 15.03.1997.*
- xxii. Attended various meetings of “Advisory Committee for Vigyan Jagat, All India Radio”, Lucknow.
- xxiii. Attended various meetings of “Advisory Committee, All India Radio”, Lucknow.

List of Publication:**ANNEXURE-I****(i) Research Papers:**

1. **Haseeb, A.,** B.P. Singh, A.M. Khan and S.K. Saxena (1978). Evaluation of nematicidal properties in certain alkaloid bearing plants. *Geobios*, **5**: 116-118.
2. **Haseeb, A.,** M.M. Alam, A.M. Khan and S.K. Saxena (1978). Nematode population as influenced by soil amendments. *Geobios*, **5**: 152-155.
3. **Haseeb, A.,** A.H. Khan, R. Rehman, A.M. Khan and S.K. Saxena (1978). Population changes in some stylet bearing nematodes associated with four different perennial ornamentals. *Acta Botanica Indica* (Suppl.), **6**: 81-83.
4. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1978). Studies on the histochemical changes induced by the root-knot nematode in tomato. *Indian Journal of Nematology*, **8**: 81-82.
5. Naqvi, Q.A., **A. Haseeb,** S.K. Saxena and K. Mahmood (1978). Influence of marigold mottle virus (MMV), the reniform nematode, *Rotylenchulus reniformis* and the stunt nematode, *Tylenchorhynchus brassicae* on the growth of chili and on nematode multiplication. *Acta Botanical Indica* (Suppl.), **6**: 174-175.
6. Naqvi, Q.A., **A. Haseeb,** S.K. Saxena and K. Mahmood (1979). Interrelationship between root-knot nematode, *Meloidogyne incognita* and Launaea mosaic virus on growth of tomato. *Allahabad Farmer*, **50**: 43-45.
7. Khan, A.H., **A. Haseeb,** R. Rehman, A.M. Khan and S.K. Saxena (1980). Population fluctuations of some nematodes around roots. *Geobios*, **7**: 55-57.
8. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1980). Studies on the histochemical changes induced by the root-knot nematode in eggplant. *Bangladesh Journal of Botany*, **9**: 98-100 (Bangladesh).
9. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1980). Additional host records of the root-knot nematode, *Meloidogyne javanica* (Treub) Chitwood. *Plant Science*, **12**: 48.
10. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1981). Effect of certain alkaloid bearing plants on the larval hatching of *Meloidogyne incognita*. *Geobios*, **8**: 3-5.
11. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1981). Relationship of inoculum density of *Rotylenchulus reniformis* with the growth of chili and final population of the nematode. *Journal of Scientific Research*, **3**: 111-112.
12. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1982). Some new host records of the root-knot nematode, *Meloidogyne javanica* (Treub) Chitwood. *Bangladesh Journal of Botany*, **11**: 79-80 (Bangladesh).
13. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1982). Toxicity of leaf extract of some plants on the root-knot and reniform nematodes. *Indian Journal of Parasitology*, **6**: 119-120.
14. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Population of plant parasitic nematodes associated with different varieties of sugarcane. *Indian Journal of Agriculture Sciences*, **23**: 279-281.
15. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Correlation of inoculum densities of the stunt and the reniform nematodes with the growth of okra. *Indian Journal of Forestry*, **6**: 125-126.

16. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Studies on the histochemical changes induced by the root-knot nematode, *Meloidogyne incognita* in *Solanum nigrum* root. *Indian Journal of Nematology*, **13**: 113-115.
17. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Additions to the host records of the root-knot nematode, *Meloidogyne javanica* (Treub) Chitwood. *Indian Journal of Plant Pathology*, **1**: 209.
18. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Histochemical localization of certain enzymes in the roots of *Impatiens balsamina* L. induced by the root-knot nematode, *Meloidogyne incognita* (Kofoid & White) Chitwood. *Indian Journal of Mycology Research*, **21**: 19-22.
19. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1983). Histochemical localization of certain enzymes in the roots of *Coccinia cordifolia* infected with the root-knot nematode, *Meloidogyne incognita*. *Indian Phytopathology*, **37**: 536-537.
20. **Haseeb, A.,** M.A. Siddiqui and M. M. Alam (1984). Toxicity of plant latex to some plant parasitic nematodes. *Natioanal Acadmy of Science Letters*, **7**: 1-2.
21. **Haseeb, A.,** M.M. Alam and A.M. Khan (1984). Control of plant parasitic nematodes with chopped plant leaves. *Indian Journal of Plant Pathology*, **2**: 180-181.
22. **Haseeb, A.** and M.M. Alam (1984). Soil population of plant parasitic nematodes infesting tomato in relation to metabolites of *Rhizoctonia solani*. *Indian Journal of Plant Pathology*, **2**: 189-190.
23. **Haseeb, A.** and M.M. Alam (1984). Use of chopped floral plant parts in suppressing population of plant parasitic nematodes. *Indian Journal of Plant Pathology*, **2**: 194-195.
24. **Haseeb, A.,** R. Pandey and A. Husain (1984). Some new host records of the root-knot nematode, *Meloidogyne incognita* (Kofoid & White) Chitwood. *Current Science*, **53**: 1151-1152.
25. **Haseeb, A.,** R. Pandey and A. Husain (1985). New host records on the root-knot nematode, *Meloidogyne javanica*. *FAO Plant Protection Bulletin*, **33**: 123 (Italy).
26. **Haseeb, A.,** A.M. Khan and S.K. Saxena (1986). Histochemical localization of oxidase, peroxidase and legnin in the roots of tomato infected with the root-knot nematode, *Meloidogyne incognita*. *Indian Journal of Nematology*, **16**: 263.
27. Siddiqui, M.A., **A. Haseeb,** and M.M. Alam (1987). Combined effect of two nematodes and a fungus on the growth and water absorption capability of okra. *Indian Journal of Plant Pathology*, **5**: 83-86.
28. **Haseeb, A.,** M.A. Siddiqi and M.M. Alam (1987). Evaluation of nematicidal properties of some latex bearing plants. *Indian Journal of Nematology*, **17**: 99-102.
29. **Haseeb, A.** and R. Pandey (1987). Incidence of root-knot nematodes in medicinal and aromatic plants- new host records. *Nematropica*, **17**: 209-212 (USA).
30. **Haseeb, A.,** R. Pandey and A. Husain (1988). Comparison of nematicides and oil cakes for the control of *Meloidogyne incognita* on *Ocimum basilicum*. *Nematropica*, **18**: 65-69 (USA).

31. **Haseeb, A., F. Butool and R. Pandey (1988).** Influence of different initial population densities of *Meloidogyne incognita* on *Ocimum basilicum* cv. French. *Indian Journal of Plant Pathology*, **6**: 176-179.
32. Pandey, R. and **A. Haseeb (1988).** Studies on the toxicity of certain medicinal plants to root-knot nematode, *Meloidogyne incognita*. *Indian Journal of Plant Pathology*, **6**: 184-186.
33. **Haseeb, A. and R. Pandey (1989).** Observations on *Meloidogyne* spp. affecting Japanese mint- new host records. *Nematropica*, **19**: 93-97 (USA).
34. **Haseeb, A. and R. Pandey (1989).** Root-knot disease of Henbane, *Hyoscyamus*- a new disease record. *Tropical Pest Management*, **35**: 212-213 (UK).
35. **Haseeb, A. and F. Butool (1989).** Pathogenicity and reproduction of *Meloidogyne incognita* on *Ocimum sanctum*. *International Nematology Network Newsletter*, **6**: 27-30 (USA).
36. Pandey, R. and **A. Haseeb (1989).** Relationship between population densities of *Meloidogyne incognita* (Kofoid & White, 1919) Chitwood, 1949 and growth of *Spilenthesis acmella* Murr. *Indian Journal of Plant Pathology*, **7**: 49-54.
37. **Haseeb, A. and R. Pandey (1990).** Root-knot nematodes- a constraint to cultivation of davana, *Artemisia pallens*. *Tropical Pest Management*, **36**: 317-319 (UK).
38. **Haseeb, A. and F. Butool (1990).** Evaluation of nematicidal properties in some members of the family Laminaceae. *International Nematology Network Newsletter*, **7**: 24-26 (USA).
39. **Haseeb, A., N.K. Srivastava and R. Pandey (1990).** The influence of *Meloidogyne incognita* on the growth, physiology, nutrient concentration and alkaloid yield of *Hyoscyamus niger*. *Nematologia Mediterranea*, **18**: 127-129 (Italy).
40. **Haseeb, A. and F. Butool (1991).** Evaluation of different pesticides and oil cakes on the control of root-knot nematode, *Meloidogyne incognita* infesting on davana, *Artemisia pallens*. *Current Nematology*, **2**: 201-204.
41. Shukla, P.K. and **A. Haseeb (1991).** Studies on the vertical distribution of plant parasitic nematodes under *Mentha citrata* Ehrh. *Indian Journal of Plant Pathology*, **9**: 19-23.
42. Butool, F. and **Haseeb, A. (1991).** Relationship between root-knot nematode, *Meloidogyne incognita* and growth/yield of *Trachyspermum ammi*. *Current Nematology*, **3**: 35-38.
43. Pandey, R., **A. Haseeb** and A. Husain (1992). Distribution pathogenicity and management of *Meloidogyne incognita* on *Mentha arvensis* cv. MAS-1. *Afro-Asian Journal of Nematology*, **2**: 27-34 (UK).
44. **Haseeb, A. and F. Butool (1993).** Use of some pesticides and oilseed cakes for the control of *Meloidogyne incognita* on *Trachyspermum ammi*. *Afro-Asian Journal of Nematology*, **3**: 112-114 (UK).
45. **Haseeb, A., P.K. Shukla and F. Butool (1993).** Relationship between different initial inoculum densities of *Meloidogyne incognita* and growth/oil yield of Indian basil. *Indian Journal of Plant Pathology*, **11**: 53-56.
46. **Haseeb, A., N.K. Srivastava and F. Butool (1993).** Effect of *Meloidogyne incognita* on the growth, physiology, nutrient concentration and alkaloid yield of *Hyoscyamus albus*. *Afro-Asian Journal of Nematology*, **3**: 165-169 (UK).
47. **Haseeb, A. and P. K. Shukla (1994).** Effect of *Pratylenchus thornei* on growth, physiology and oil yield of *Mentha spicata*. *Afro-Asian Journal of Nematology*, **4**: 51-53 (UK).

48. ***Haseeb, A.** and P.K. Shukla (1994). Studies on vertical distribution of plant parasitic nematodes associated with *Mentha piperita* L. *Proceeding of Second Afro-Asian Nematology Symposium* (18th-22nd December 1994), Menoufiya, Cairo, Egypt. pp. 121-124 (**Egypt**).
49. ***Haseeb, A.** and F. Butool (1994). Evaluation of some pesticides and oil cakes for the control of *Meloidogyne incognita* infesting *Hyoscyamus albus*. *Proceeding of Second Afro-Asian Nematology Symposium* (18th-22nd December 1994), Menoufiya, Cairo, Egypt. pp. 117-120 (**Egypt**).
50. **Haseeb, A.** and P.K. Shukla (1995). Influence of *Pratylenchus thornei* on growth, photosynthetic rate, chlorophyll, total sugar and oil yield of *Mentha citrata*. *Nematologia Mediterranea*, **23**: 89-91 (**Italy**).
51. **Haseeb, A.** and R. Pandey (1995). Additions to the new host records of the root-knot nematodes among the medicinal and aromatic plants. *Nematologia Mediterranea*, **23**: 211-212 (**Italy**).
52. **Haseeb, A.** and P.K. Shukla (1996). Suppressive effect of *Pratylenchus thornei* on the growth, oil yield physiological and biochemical parameters of *Mentha piperita*. *Nematropica*, **26**: 81-85 (**USA**).
53. **Haseeb, A.** and F. Butool (1996). Evaluation of nematicidal properties of some members of family Solanaceae. *BITE* **57**: 95-97 (**UK**).
54. Shukla P.K. and **A. Haseeb** (1996). Effectiveness of some nematicides and oil cakes in the management of *Pratylenchus thornei* on *Mentha citrata*, *M. piperita* and *M. spicata*. *BITE* **57**: 307-309 (**UK**).
55. Butool, F. and **A. Haseeb** (1996). Seedlings of *Hyoscyamus muticus* of different ages and *Meloidogyne incognita*. *Afro-Asian Journal of Nematology*, **6**: 89-91 (**UK**).
56. Butool, F. and **A. Haseeb** (1996). Influence of *Glomus aggregatum* on root-knot development caused by *Meloidogyne incognita* in *Hyoscyamus muticus*. *Afro-Asian Journal of Nematology*, **6**: 188-190 (**UK**).
57. **Haseeb, A.**, P.K. Shukla and F. Butool (1996). Relationship between different initial inoculum densities of *Meloidogyne incognita* and plant growth, oil yield, physiological/biochemical changes in plants of *Ocimum canum*. *Nematropica*, **26**: 181-185 (**USA**).
58. Pandey, R. and **A. Haseeb** (1997). Plant parasitic nematodes associated with three medicinal plants and the pathogenicity of root-knot nematode. *Indian Journal of Nematology*, **27**: 53-57.
59. Shukla, P.K., **A. Haseeb** and N. K. Srivastava (1997). Effect of different pH levels, reproduction of *Pratylenchus thornei* and yield of *Mentha spicata*. *Nematologia Mediterranea*, **25**: 25-29 (**Italy**).
60. Shukla, P.K., **A. Haseeb** and N. K. Srivastava (1997). Effect of different pH levels on reproduction of *Pratylenchus thornei* and yield of *Mentha citrata*. *Journal of Herbs, Spices, Medicinal Plants*, **5**: 7-14 (**USA**).
61. Pandey, R. and **A. Haseeb** (1997). Plant parasitic nematodes associated with three medicinal and aromatic plants and the pathogenicity of root-knot nematode. *Indian Journal of Nematology*, **27**: 58-62.

62. Kumar, S., B.R. Tyagi, J.R. Bahal, S.P.S. Khanuja, A.K. Shasany, R.S. Shukla, A. Sattar, D. Singh, **A. Haseeb**, V.P. Singh, P. Ram, K. Singh, S. Singh, S.P. Singh, N.K. Patra, M. Alam, A.A. Naqvi, M. Ram, K.K. Agarwal and K. Singh (1997). Himalaya- a high menthol yielding hybrid clone of *Mentha arvensis*. *Journal of Medicinal & Aromatic Plant Science*, **19**: 729-731.
63. Shukla, P.K., **A. Haseeb** and N.K. Srivastava (1998). Influence of pH on reproduction and damage potential of *Pratylenchus thornei* on *Mentha piperita*. *Fundamental and Applied Nematology*, **21**: 103-105 (**France**).
64. Shukla, P.K., **A. Haseeb** and S. Sharma (1998). Soil texture, root lesion nematode and yield of peppermint, *Mentha piperita*. *Journal of Herbs, Spices, Medicinal Plants*, **6**: 1-8 (**USA**).
65. Shukla, P.K., **A. Haseeb** and S. Sharma (1998). Pathogenic potential of *Pratylenchus thornei* on *Mentha citrata* as influenced by soil types. *Nematologia Mediterranea*, **26**: 13-17 (**Italy**).
66. **Haseeb, A.**, F. Butool and P.K. Shukla (1998). Relationship between various initial inoculum densities of *Meloidogyne incognita* and growth, physiology and oil yield of *Ocimum kilimandscharicum*. *Nematologia Mediterranea*, **26**: 19-22 (**Italy**).
67. Butool, F., **A. Haseeb** and P.K. Shukla (1998). Management of root-knot nematode, *Meloidogyne incognita* infesting henbane, *Hyoscyamus muticus* by the use of nematicides and oil cakes. *International Journal of Pest Management*, **44**: 199-202 (**UK**).
68. Butool, F. and **A. Haseeb** (1998). Effect of *Meloidogyne incognita* on *Hyoscyamus muticus*. *Journal of Herbs, Spices and Medicinal Plants*, **6**: 13-19 (**USA**).
69. **Haseeb, A.**, P.K. Shukla and F. Butool (1999). Pathogenic potential of *Pratylenchus thornei* on some medicinal and aromatic plants. *Nematologia Mediterranea*, **27**: 35-38 (**Italy**).
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