

CBNT-SSAN 2022

*Capacity Building Workshop in
Nematode Taxonomy*

&

*Satellite Symposium on Advances
in Nematology*

Workshop

21-28 March 2022

Symposium

29-30 March 2022

Venue

Chaudhary
Charan Singh
University,
Meerut



Organized by

Department of Zoology
Chaudhary Charan Singh University, Meerut

INVITATION

Dear Colleague,

The Nematology Laboratory, Department of Zoology, Chaudhary Charan Singh University, Meerut is organizing "**Capacity Building Workshop in Nematode Taxonomy & Satellite Symposium on Advances in Nematology (CBNT_SSAN 2022)**" on **21-30 March, 2022**, which I am sure, is going to be a milestone. The workshop will have plenary and lead Lecture followed by practical demonstrations. The symposium shall be focused on the advances in nematology including experimental model; management of plant parasitic nematodes; best utilization of nematodes in insect pest managements through the development of EPN based formulations and nematode as bio-indicator of climate change & pollution.

On behalf of the Organizing Committee, we are extending a cordial invitation to you and your colleagues to participate in the workshop and the symposium (CBNT-SSAN 2022).

Prof. Ashok K. Chaubey
Organizing Secretary

THEME

Nematodes as an animal group have remained very obscure for a long time except of course for some species that were known since antiquity as parasites of man himself. The reasons for this lack of interest could be many but the fact that nematodes remain by and large are hidden organisms. Nematodes have their own economic values not only because of harmful to plants and animals but beneficial too to control the insect pests. Progress in the field of identification is still continuing and new species are being added time to time but it needs tremendous research effort to know the "monopolized kingdom of nematode" very well. It has been estimated that there may be over one million species of nematodes. However, roughly above 30,000 species have been described so far.

The present scenario shows that Nematode Taxonomy is highly emphasizing on molecular aspects followed by biochemical identification but still, classical taxonomy, based on morphological characters is extremely important for identification of the species as morphology of an organism to a great extent, is a clear manifestation of its genetic makeup or constitution. Therefore, it has ever remained a key component and back for taxonomic research. The important contribution by various workers in the field of Nematology seems to be low because of the Phylum Nematoda is taxonomically, ecologically, and geographically diverse group. Lack of adequate taxonomic expertise has been major constraints to identify the species of nematodes. Workshop shall be focussed on to expose the young budding scientists for the identification of nematodes by using modern tools and techniques.

The themes of the Workshop and Symposium are as follows:

Workshop	Symposium
1. Bioinformatics and Biostatistics.	1. Nematode as Environmental Bio-indicator.
2. Isolation of Nematodes (Soil/Plant/Insect/Animal).	2. Entomopathogenic Nematode in Biological Plant Protection.
3. Entomopathogenic Bacteria Isolation.	3. Root Knot Nematode Diversity & Control.
4. Isolation of Bacterial metabolites.	4. Integrated Nematode Management.
5. Primer Designing.	5. Nematode Diversity.
6. Isolation of Entomopathogenic Nematodes.	6. Nematode Host Interaction.
7. EPN Mass Production, Storage and development of EPN based Biopesticides.	7. Phytochemically based Nematode Control (Bionematicide).
8. Classical and Biochemical Taxonomy of Nematodes.	8. New Vision in Nematode Education and Training.
9. Molecular Taxonomy of Nematodes.	9. Nematodes and Soil Health.
10. Confocal and Scanning Electron Microscopy.	10. Nemic Community Structure.

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Correspondence addressed to:

Prof. Ashok K. Chaubey

Organizing Secretary, CBNT-SSAN 2022

Nematology Laboratory, Department of Zoology,

Ch. Charan Singh University, Meerut-250 004

Mob.: 9412083781, 9027050266; **e-mail:** akc.nema@gmail.com, nwc2022@gmail.com

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About Host Institute

Chaudhary Charan Singh University (formerly, Meerut University) was established in 1965, to cater to the needs of higher education in western Uttar Pradesh. Presently, it is one of the premier educational institutions of the country encompassing a vast, beautiful and pollution-free campus which sprawls over 222 acres. Initially, the M.Phil and Ph.D. programmes were started in 1969 taking credit of becoming first University in the country to introduce M.Phil. programme. In 1973, Post Graduate level courses were also introduced with the modernized syllabi. During the VIII five years plan, introduction of self-financed courses keeping in pace with the changing demands of the society and also for human resources development, were planned. Now, there are five faculties with 22 UGC sponsored and 35 self-financed/job-oriented courses being run in the campus. More than 1000 professional colleges/institutions, including one constituent college are affiliated to Chaudhary Charan Singh University.

Under the able leadership of the Vice Chancellor, a renowned innovative technologist and an established committed academic administrator, the university is offering a large number of new and innovative post-graduate, under-graduate, diploma, advanced diploma and postgraduate diploma courses under self-financed scheme. Distinct feature of the academic program is the semester system and continuous evolution of the students through quizzes, tests and seminars.

The University has always been proud of its alumni who are occupying high positions of great responsibilities and distinction in educational and research institutions in India and abroad as well as administrative positions in the industries, defense and civil services. The success of the students of the university in NET, GATE, ARS, GRE and other examinations such as civil and administrative services etc. speak of the standard and quality of education provided by the university. The research activities in the various departments of the university are supported by grants in the form of research projects sanctioned by UGC, DBT, DRDO, DST, ICAR, AICTE, UPSTC, CSIR and other funding agencies of the central and state governments.

Host Department

The department of Zoology was established in 1977 to impart advance education at M. Sc., M. Phil. and Ph.D. level. Besides giving through grounding in basic Zoology, it lays emphasis on deep understanding of applied zoology viz., Cell and Molecular Biology, Immunology, Genetics, Biotechnology, Ecology, Nematology and Animal behaviour. With a team of well-qualified teachers, department offers three specializations to the students i.e., Parasitology, Fish Biology and Chronobiology. In the duration of four semesters, a P.G. student is offered different specializations. The department of Zoology has well equipped modern laboratories i.e., Molecular Taxonomy & Parasitology, Nematology, Immunotoxicology and Chronobiology. Research activities are supported by funding agencies like UGC, DST, DRDO, CSIR, DBT and UP Government. Department is also financially assisted by FIST programme and as Centre of Excellence by UP Government.

The department has its own library apart from the central library in the university. So far more than 140 and 200 students have been awarded Ph. D and M. Phil. degree respectively. More than 600 research papers and 15 books have been published by the faculties of the department. A number of students are in different prestigious positions in India and abroad.

Call For Symposium Abstract

Abstracts: Abstract not exceeding 250 words, on A-4 size papers (MS-Words, Time New Roman font, Letter size 12 with 1 ½ spacing) must be sent to the **Organizing Secretary** by the electronic mail i.e., **nwcb2022@gmail.com**.

Posters: The size of the poster shall be 75cm x 100cm with briefly showing Title, Methodology, important Results (along with not more three tables/figures/photographs) and bulleted Summary. The poster shall be made attractive preferably on a single sheet with appropriate colour scheme so that the content is readable from a distance of at least one meter.

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Call of Application for Workshop

Registration Form from the M.Sc./Ph.D. Scholars/Young Scientists/faculties should reach to **Organizing Secretary** on or before 1st March 2022. A write up of 250 words, indicating interest for nematode taxonomy, should be submitted along with the registration form. The registration form should be duly forwarded by the Head of the Department/Research Supervisor. Seats are limited, only 30 candidates shall be selected.

Best Trainee, Oral & Poster Awards

Two Trainees, below the age of 35 years shall be selected for the Best Trainee Awards and will be honoured with Medal and Certificate. To encourage and develop the scientific temper amongst the participants of the symposium, Best Oral and Poster Presentation Awards (02 in each group) shall be selected and will be honoured with Medal and Certificate.

Important Dates

Workshop Registration:	1 st March 2022
Intimation of selected candidates for workshop	2 nd March 2022
Symposium Registration	5 th March 2022
Abstract Submission:	5 th March 2022
Intimation of Abstract Acceptance:	6 th March 2022

Registration Fee Details

Categories	Workshop Fee (INR)		Symposium Fee (INR)		
	Early bird (up to 1 st March)	Late (up to 5 th March)	Early bird (up to 5 th March)	Late (from 5 th to 12 th March)	Spot Registration
Students (M.Sc/Ph.D/PDF)	2500	3000	2500	3000	4000
Delegates/Scientists/Faculties	3000	3500	4000	4500	5000

- ❖ Registration is mandatory for the workshop and symposium participants.
- ❖ Registration form should be duly forwarded by the Head of the Department/Research Supervisor.
- ❖ Certificate of age proof (certificate of High School/Aadhar Card) is essential for the participants of the workshop and for the participants of the symposium who are willing to contest for best Oral and Poster Presentation.
- ❖ Registration fee includes conference kit, participation in conference, breakfasts, lunch and Dinner and entry to the socio-cultural programme.
- ❖ Workshop participants shall be entitled to attend the symposium.

Mode of Payment and Account Details

Registration fee is to be made through RTGS as per details mentioned below:

Bank Name: Indian Bank, CCS University, Meerut

A/C Name: Grant SB Account, CCS University, Meerut

A/C Number: 20195822304

IFSC: IDIB000M690

Transport

Meerut is well connected from the Metropolitan cities via Delhi by Road, Rail and Air. Frequent bus services from ISBT/Anand Vihar, New Delhi is available for Meerut.

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Accommodation

Workshop and symposium participants shall be accommodated in hostels. However, the Experts/delegates shall be accommodated in university/ guest house. Accommodation will be provided at nominal charges in the University campus to all delegates.

Those who are interested to stay in hotels, can write in advance to *Organizing Secretary*, CBNT-SSAN 2022 at nwcb2022@gmail.com. The tentative tariff for various hotels in the city is as follows:

Name of the Hotel	Cost (INR)
Rajhans Residency	3500
Samrat Heavens	4500
Crystal Palace	4500
Harmony Inn	5000
Broadway Inn	5000



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Chaudhary Charan Singh University,
Meerut-250004

Organized by: Department of Zoology, Chaudhary Charan Singh University, Meerut

Registration Form

Name (In Block Letters)

Father's Name.....

Mother's Name.....

Date of Birth.....

Category {Faculty/Scientist/PDF/Student (M.Sc/Ph.D)}

Organization.....

Address for communication (in BLOCK Letters)

.....Pin/Zip.....

E-mail..... Contact No.....

Gender Male Female

Mode of Journey (Bus/Train/Air)

Arrival Date and Time.....

Departure Date and Time.....

Accommodation required Yes No

Name of accompanying person (if any)

Payment Details

Registration Fee.....

*Bank Name and Transaction ID.....Date.....

Signature.....

Name and Designation of the Forwarding Authority.....

Signature with Stamp.....

*Print of the payment proof is essential.

Correspondence Address

Prof. Ashok K. Chaubey, Organizing Secretary, CBNT-SSAN 2022
Nematology Laboratory, Department of Zoology, CCS University, Meerut – 250004
Mobile No.: 09412083781; E-mail: akc.nema@gmail.com, nwcb2022@gmail.com
This form may be photocopied or downloaded from the website: www.ccsuniversity.ac.in

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