

**Schedule of Post-Graduate Seminar Series (Even Semester, Y-2024): Crop Production Group**  
**Venue: Smart Class Room, Dept. of Soil Science & Agril. Chemistry, N. M. College of Agriculture, N.A.U., Navsari**

SN	Name of student, Mo. No. and Email	Reg. No.	Sem.	Reg. for M.Sc. (Agri.) Or Ph.D.	Course No.	Topic of seminar	Name of Major Guide, Mo. No. and Email	Name of Co-Guide	Date & Time
1	Deepasree A. 7034000919 Deepasreedivan@Gmail.Com	1010122037	4 <sup>th</sup>	Ph. D	Soil 691	The use of Portable X-Ray Fluorescence Spectrometry for Soil Characterization	Dr. Sonal Tripathi 9724304673 Sdixit77@Nau.In	Dr. N. N. Gudadhe	19-04-2024 14.0-15.0 hrs
2	Patel Krutika Subodh 7096706476 krutikapatel879@gmail.com	1010122026	4 <sup>th</sup>	Ph. D	Agron. 691	Natural farming: Present Scenario and Future prospects	Dr. N. N. Gudadhe 8460190169 nitbioworld@gmail.com	Dr. D. P. Patel	19-04-2024 15.0-16.0 hrs
3	Karnavat Minarvaben Manchharam 9316120711 minarvakarnavat10@gmail.com	2010122022	4 <sup>th</sup>	M.Sc (Agri.)	Agron. 591	Effect of phosphatic fertilizer management to sustain crop productivity	Dr. M. M. Patel 9428956220 mmpatel@nau.in	Dr. D. P. Patel	19-04-2024 16.0-17.0 hrs
4	Chaudhari Priyaben Raysingbhai Mo. 7069142644	1010122004	4 <sup>th</sup>	Ph. D	Agron. 691	Production potential of cereal based Inter- cropping system	Dr. R. M. Pankhaniya 9725038056 rameshpankhanian@nau.in	Dr. Sonal Tripathi	20-04-2024 9.0-10.0 hrs
5	Waghmare Pundlik Kamaji 9028871459	1010122035	4 <sup>th</sup>	Ph. D	Agron 691	Integrated farming system Models: A step towards achieving biodiversity, food security and climate resilience	Dr. A. P. Patel 9427155512 appatel@nau.in	Dr. K. G. Patel	20-04-2024 10.0-11.0 hrs
6	Patel Devika M. 7069673944 Pateldevika1818@gmail.com	1010122023	4 <sup>th</sup>	Ph. D	Agron 691	Frontier research on seed priming and its future perspectives in agriculture	Dr. D. D. Patel 9725006015 ddpatel@nau.in	Dr. H. M. Patel 9106329541	20-04-2024 11.0-12.0 hrs
7	Rotte Sai Mithra 8341760531 saimithra055@gmail.com	101012204 4	4 <sup>th</sup>	Ph. D	Agron. 691	Smart irrigation strategies for cereal+ pulse cropping systems	Dr. L. K. Arvadiya 8128681260 arvadiya_lk67@nau.in	Dr. Sonal Tripathi	20-04-2024 14.0-15.0 hrs
8	Kuldipsinh N. Rana 8000255699 kuldip108@nau.in	1010121036	6 <sup>th</sup>	Ph. D	Soils. 692	Efficient utilization of saline water in agriculture	Dr. A. P. Patel 9979674748 appatel@nau.in	Dr. Sonal Tripathi	20-04-2024 15.0-16.0 hrs

9	Domda Nileshbhai Harjibhai, 8511061627, nileshdomda14@gmail.com	1010122009	4th	Ph. D	Soils 692	Smart fertilizer techniques for increasing crop yield	Dr. R. B. Ardesna, 9825471231 rbardeshna@nau.in	Dr. A. R.Kaswala	20-04-2024 16.0-17.0 hrs
10	Patange Mamta Jaiwantrao 8788083016	1010122017	4 <sup>th</sup>	Ph. D	Soils. 692	Bioremediation of Salt affected Soils	Dr. T. U. Patel 8128698953	Dr. Sonal Tripathi	26-04-2024 14.0-15.0 hrs
11	Virani Vivek B. 8488845182 vivekvirani9999@gmail.com	1010122034	4 <sup>th</sup>	Ph. D	Agron. 692	Exploring Evapotranspiration measurement techniques and models for irrigation management	Dr. Neeraj Kumar, 9537510955 neeraj34012@gmail.com	Dr. V. G. Bavalgave	26-04-2024 15.0-16.0 hrs
12	M E Krishnababu 8639883612 muddayyakrishna@gmail.com	1010122040	4 <sup>th</sup>	Ph. D	Soils. 692	Effect of distillery spent wash on soil quality, crop yield and its quality	Dr. V. R. Naik Mo. No.9974061709 Email: vrn_swm@nau.in	Dr. J. M. Patel	26-04-2024 16.0-17.0 hrs
13	Chaudhri Karunaben Manjibhai Mob no:7283855919 karunachaudhri2396@gmail.com	1010122006	4 <sup>th</sup>	Ph. D	Agron 691	Role of Liquid organic nutrients to enhance cereal production	Dr. V.P.Usadadia 9724324782 vpusdadia@yahoo.com	Dr. A. R. Kaswala	03-05-2024 14.0-15.0 hrs
14	Kokani Jyotiben Mahadubhai 9537825216 jyotikcaw@nau.in	1010121017	6 <sup>th</sup>	Ph. D	Soils 692	Crop Simulation Model, GIS and remote sensing Application in Agriculture	Dr. V.M.Patel 9712012574 vinaypatel@nau.in	Dr. Sonal Tripathi	03-05-2024 15.0-16.0 hrs
15	Chaudhari Dixitaben Manubhai 9408128197 dmchaudhari@nau.in	1010121009	6 <sup>th</sup>	Ph. D	Agron. 691	Mitigation of abiotic stress in agriculture	Dr. H. M. Virdia 8128681274 drvirdia@nau.in	Dr. Sonal Tripathi	03-05-2024 16.0-17.0 hrs
16	<u>Domda Nileshbhai Harjibhai,</u> Mo. No.: 8511061627, Email: <u>nileshdomda14@gmail.com</u>	1010122009	4 <sup>th</sup>	Ph. D	Agron. 691	Crop residue burning in India and its potential solutions	Dr. R. B. Ardesna, 9825471231 rbardeshna@nau.in	Dr. A. R.Kaswala	04-05-2024 9.0-10.0 hrs
17	Deepasree A. 7034000919 deepasreedivan@gmail.com	1010122037	4 <sup>th</sup>	Ph. D	Agron 692	Effect of management interventions on GHG emissions from rice based cropping systems	Dr. Sonal Tripathi 9724304673 sdixit77@nau.in	Dr. N. N. Gudadhe	04-05-2024 10.0-11.0 hrs
18	Chaudhari Nishant Manubhai Mo. No.: 8140329309 nishantc909@gmail.com	1010122003	4 <sup>th</sup>	Ph. D	Soils 691	Nutrient Release Pattern and mineral fertilizer equivalent of different organic sources	Dr. K. G. Patel 9898106227 kgpatel@nau.in	Dr. P. K. Dubey	04-05-2024 11.0-12.0 hrs
19	Kuldipsinh N. Rana 8000255699 kuldip108@nau.in	1010121036	6 <sup>th</sup>	Ph. D	Agron. 691	Impact of natural farming on soil health and crop production	Dr. A. P. Patel 9979674748 appatel@nau.in	Dr. Sonal Tripathi	04-05-2024 14.0-15.0 hrs

20	Rotte Sai Mithra 8341760531 saimithra055@gmail.com	1010122044	4 <sup>th</sup>	Ph. D	Soil 692	Soil moisture estimation using remote sensing techniques	Dr. L. K. Arvadiya 8128681260 arvadiya_lk67@nau.in	Dr. Sonal Tripathi	04-05-2024 15.0-16.0 hrs
21	Patel Devika M. 7069673944 Pateldevika1818@gmail.com	1010122023	4 <sup>th</sup>	Ph. D	Soil 692	Effect of biochar application on soil biodiversity under different cropping system	Dr. D. D. Patel 9725006015 ddpatel@nau.in	Dr. H. M. Patel 9106329541	04-05-2024 16.0-17.0 hrs
22	Kokani Jyotiben Mahadubhai 9537825216 jyotikaw@nau.in	1010121017	6 <sup>th</sup>	Ph. D	Agron. 691	Role of nutrient management in cereal + Pulses intercropping system	Dr. V.M.Patel 9712012574 vinaypatel@nau.in	Dr. Sonal Tripathi	24-05-2023 14.0-15.0 hrs
23	Chaudhari Priyaben Raysingbhai 7069142644	1010122004	4 <sup>th</sup>	Ph. D	Soil 692	Influence of tillage and crop residue Management on soil properties under cereal crops	Dr. R. M. Pankhaniya 9725038056	Dr. Sonal Tripathi	24-05-2023 15.0-16.0 hrs
24	Patange Mamta Jaiwantrao 8788083016	1010122017	4 <sup>th</sup>	Ph. D	Agron 691	Water productivity in agriculture: Pros & Cons	Dr. T. U. Patel 8128698953 tushagri.ank@nau.in	Dr. Sonal Tripathi	24-05-2023 16.0-17.0 hrs
25	Chaudhari Dixitaben Manubhai 9408128197 dmchaudhari@nau.in	1010121009	6 <sup>th</sup>	Ph. D	Soils 692	Importance of micro-nutrients in enhancing crop production in cash crop	Dr. H. M. Virdia 8128681274 drvirdia@nau.in	Dr. Sonal Tripathi	31-05-2024 14.0-15.0 hrs
26	Marakana Palav Ramesh Bhai 8320677366 palavmarakana@gmail.com	1010122018	4 <sup>th</sup>	Ph. D.	Bioch em 691	Millets: Treasure for nutraceuticals and potential future food	Dr. Nilima Karmakar 8511089872 nilimanau13@nau.in	Dr. H. G. Suthar	31-05-2024 15.0-16.0 hrs
27	Ganvit Khushbuben Nareshbhai Mo. 8160261543	1010122010	4 <sup>th</sup>	Ph. D	Agron. 692	Response of cereal crops to nano fertilizer	Dr. V.J. Zinzala 9664821518 vjz@nau.in	Dr. R.M. Pankhaniya	31-05-2024 16.0-17.0 hrs
28	M E Krishnababu 8639883612 muddayyakrishna@gmail.com	101012204 0	4 <sup>th</sup>	Ph. D	Agron. 691	Agronomic interventions for enhancing tiller production in graminaceous crops	Dr. V. R. Naik Mo. No.9974061709 Email: vrn_swm@nau.in	Dr. J. M. Patel	01-06-2024 10.0-11.0 hrs
29	Chaudhari Karunaben Manjibhai 7283855919 karunachaudhari2396@gmail.com	1010122006	4 <sup>th</sup>	Ph. D	Soil 692	Effect of agricultural practices on enzyme activities	Dr. V.P. Usadadiya Mo. 9724324782 vpusadadia@yahoo.com	Dr. A. R.Kaswala	01-06-2024 11.0-12.0 hrs

30	Chaudhari Nishant Manubhai Mo. No.: 8140329309	1010122003	4 <sup>th</sup>	Ph. D	Agron 692	Effect of different farming systems on yield and quality of crops, and soil health	Dr. K. G. Patel 9898106227	Dr. P. K. Dubey	01-06-2024 14.0-15.0 hrs
31	Patel Krutika Subodh 7096706476 krutikapatel879@g mail.com	1010122026	4 <sup>th</sup>	Ph. D	Soil 692	Micronutrient application in rice by using 4R nutrient stewardship	Dr. N. N. Gudadhe 8460190169 nitbioworld@gmail.com	Dr. D. P. Patel	01-06-2024 15.0-16.0 hrs
32	Waghmare Pundlik Kamaji 9028871459	1010122035	4 <sup>th</sup>	Ph. D	Soil 692	Nutritional quality of millets and scope for further improvement of its quality through Agronomical biofortification	Dr. A. P. Patel 9427155512 appatel@nau.in	Dr. K. G. Patel	01-06-2024 16.0-17.0 hrs

No. ACN/Chem./PG Seminar/Even semester(Y-2024)/ 413 /2024  
Navsari. Date: 18/04/2024



(K. G. Patel)

Professor and Head and PG seminar Coordinator (Crop Production Group)  
Dept. of Soil Science & Agril. Chemistry  
NMCA, NAU, Navsari-396 450

**CFWRCs (Through NAU website)**

1. All respective seminar guide (Major guide/ Co-guide) for information
2. The Principal, N. M. College of Agriculture, N. A. U., Navsari.
3. The Professor & Head, Department of Agronomy and Ag. Engineering (Agril. Meteorology) to inform all the PG students/teachers of department to do needful in the matter
4. Dr. R. M. Pankhaniya, Associate professor, Department of Agronomy & P.G Academic Incharge, N. M. College of Agriculture, NAU, Navsari

## General Guidelines for Post Graduate Seminar

### Venue of Seminar

- Smart Class Room, Dept. of Soil Science & Agril. Chemistry, NMCA

### Seminar Submission

- All the registered students are instructed to submit final seminar script and PPT presentation to the PG seminar Co-coordinator one hour prior to scheduled time of seminar.

### Attendance

- All the registered students of the seminar course must have at least 75 % attendance.
- All concern staff members and P. G. students of crop production group (Agronomy, Soil science & Agril. Chemistry, Biochemistry and Agril. Meteorology) are requested to attend and actively participate in the seminar series.
- It is compulsory for all the M. Sc. (Agri.) and Ph.D students of crop production group to attend the seminar.

### Preparation of seminar script

- Seminar script should be in two pages (*i.e.* A4 size page, font 11, Times New Roman, Single spacing, Mirror margin). The format of seminar script as follows.

1.5 cm					
<b>POST GRADUATE SEMINAR (CROP PRODUCTION GROUP) - 2022</b>					
<b>N. M. COLLEGE OF AGRICULTURE</b>					
<b>NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI</b>					
2.0 cm	Name of speaker	: Sumanth G.V.	Degree/Sem.	: Ph.D (Agri.)/IV	1.5 cm
	Reg. No.	: 1010119045	Course	: Soils 692	
	Major guide	: Dr. L.K. Arvadiya	Date	: 29-05-2021	
	Co-guide	: Dr. K.G. Patel	Time	: 9.00-10.00 am	
<b>Importance of Cropping Sequence in Improvement of Soil Health and Sustainability</b>				1.5 cm	

- The introduction part of seminar script should be based upon the presentation.
- Avoid over division of the seminar script into headings and subheading. However, relevant heading should be incorporated which justify the topic.
- There should not be any sort of spelling/grammatical mistakes in the final script.
- References should be arranged in alphabetical order.

### Seminar preparation

- Mention only those treatments which justify the topic of the seminar.
- The seminar should be inclusive of the studies performed at different levels. The suggestive chronology of the studies is as follows: South Gujarat > State > National > International.
- Avoid break up of research papers in the power point presentation of seminar. It is suggested to prepare a Single Table having similar studies or similar research parameters performed by different scientists.
- The conclusion of the seminar should be based on the presented reviews.
- Introductory slides should be specific to the topic of the seminar and may not be more than the 40 % of the seminar.
- The student should prepare and submit their power point presentation well before the schedule seminar date to the respective guide/co-guide. So that the presentation and script should properly be checked. .
- The presentation should be in bullet points. Avoid wordy slides and lengthy paragraphs.
- Avoid the use of animation, special effects and any other thing which consumed unnecessary time.
- Prepare the slide in such a way, so that it should be easily readable to the audience. Use font size (minimum 16), font types (Arial or Times New Roman), font colour and slide background should be simple.
- The slide should not have any sort of spelling or grammatical mistakes. Try to use appropriate punctuation wherever required.

- Each and every slide should have number and the slide number should be visible to the audience.
- Provide the source of reference in slide by citing the name of author, location and year of publication wherever required. E-sources should be mentioned in script by using appropriate link.
- There should be a maximum of 55 slides including separators.

#### **At the time of presentation**

- Each and every slide should be discussed with scientific reasons and merely reading of the slide would be considered as poorly communicated seminar by the student.
- The positive interactions from students are mandatory. The interaction with the presenter should be technically and logically feasible.
- The presentation should be delivered within 45 minutes and 15 minutes are for interaction.

#### **Other**

- The soft/ hard copy of collected reviews should be submitted to the respective guide.
- All the committee members of the concern student should attend and evaluate the seminar. Under unavoidable circumstances, the respective committee member has to take permission from seminar coordinator prior to the schedule of the seminar.
- Seminar will not be postponed under any circumstances and if the need arise then concern major/minor guide has to make necessary mutual arrangements and intimate the changes to the PG seminar coordinator well in advance in written form.
- The titles submitted by the concern students will be finalized by the faculty of crop production group.

#### **Result Submission**

- It is mandatory for committee members of concerned PG student should evaluate the seminar.
- All the major guides whose students presented their seminars are requested to send the duly filled report of seminar as per the given format (Appendix-A) along with two copies of final seminar script to the PG Seminar Coordinator.
- At the end of PG seminar series, major guide of student will have to submit the result of seminar (In duplicate) to the Principal, N. M. College of Agriculture, NAU, Navsari

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**APPENDIX-A**  
**NAVSARI AGRICULTURAL UNIVERSITY**  
**N. M. COLLEGE OF AGRICULTURE, NAVSARI**  
**Post Graduate Seminar Evaluation Score Card**

1.	Name of student (In capital letter)	:	
2.	Registration No.	:	
3.	Degree	:	
4.	Discipline		
	Major	:	
	Minor/ Supporting	:	
5.	Seminar topic	:	
6.	Date of Seminar	:	
7.	Course No.	:	
8.	Semester	:	

**EVALUATION REPORT**

Sr. No.	Aspect	Marks	
		Maximum	Obtained
(i)	Synopsis (Covering objective, theme, methodology, literature appropriate to the topic)	10	
(ii)	Presentation Language (10) + Style (5) + Time (5)	20	
(iii)	Justice to the theme.....(30) Presentation and expression (Covering/not up to the mark).	20	
	Material presented (Appropriate/unnecessary/repetition/hardly justifying theme).	10	
(iv)	Preparation of matter/Material/ Charts/ Tables, slides, live specimens (Clarity content, easy in understanding the matters, statistical base and colour choice).	15	
(v)	Discussion (as a team) ability to answer the queries/questions, etc.	25	
	<b>Total score</b>	<b>100</b>	
	<b>Average Score</b>	<b>-</b>	

**Evaluators Signature:**

**Name:**

**Designation:**

Confidential

(In duplicate)

**NAVSARI AGRICULTURAL UNIVERSITY**  
**N.M. COLLEGE OF AGRICULTURE, NAVSARI**  
**REPORT OF SEMINAR**

1.	Name of student (In capital letter)	:	
2.	Registration No.	:	
3.	Degree	:	
4.	Discipline		
	Major	:	
	Minor/Supporting	:	
5.	Seminar topic	:	
6.	Date of Seminar	:	
7.	Course No.	:	
8.	Semester	:	

The seminar judging committee hereby certifies that on considering the talk given by Mr./Ms.....in the partial fulfillment of the requirement of the degree of **M.Sc. (Ag.)/M.Sc./Ph.D.** in the discipline of ..... and in their judgment the candidate has **satisfactorily met / failed** to meet the requisite standard of performance.

Sr. No.	Name of the committee members	Signature	Marks (100)
1.	Major Guide		
2.	Co Guide		
3.	Member		
4.	Member		
5.	Member		
		<b>Total Score</b>	
		<b>Av. Score</b>	
		<b>Out of 100)</b>	
		<b>(Out of 10)</b>	

**Place: Navsari**

**Date:     /     /2024**

**Signature of Major Guide**  
**(Name & Designation)**