



Soil Science and Agricultural Chemistry Department
N. M. College of Agriculture,
Navsari Agricultural University, Navsari - 396 450



Schedule of Post-Graduate Seminar Series (Odd Semester, Year-2026): Crop Production Group

Venue: Smart Class Room, Dept. of Soil Science & Agril. Chemistry, N. M. College of Agriculture, N.A.U., Navsari

	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	Pulkit Garg 7976040008 pulkitgarg209@gmail.com	2010125103	3 rd	M. Sc. (Agri)	Soil 591	Soil Volatilomics: Source–Sink Dynamics and Agroecosystem Health Implications	Dr. Susheel Singh 9998286581 susheelsingh@nau.in	Dr. Pramod Kumar Dubey	18/09/26 14.0-15.0 hrs.
2	Chaudhary Divyeshkumar Hareshbhai 9408099935 Chaudharydivyesh49@gmail.com	2010125019	3 rd	M.Sc. (Agri.)	Agron 591	Biostimulants – Enhancing crop performance through sustainable innovations	Dr. B. K. Patel 9974061726 tanubrij@nau.in	Dr. Narendra Singh	18/09/26 15.0-16.0 hrs.
3	Kathi Namrata A. 6354123687 kathinamrata13@gmail.com	2010125049	3 rd	M. Sc. (Agri)	Biochem 591	Plant Growth Regulators: Hormonal Cross Talk in Abiotic Stress	Dr. V. K. Vekariya 97129 13345 vvekaria@nau.in	Dr. R. K. Kalaria	18/09/26 16.0-17.0 hrs.
4	Dhruv Joshi 7067317481 dhruvjoshi112004@gmail.com	2010125029	3 rd	M. Sc. (Agri)	Agron. 591	Plant-based extract for weed management	Dr. B. B. Tandel 9998002474 bhumi.tandel19@gmail.com	Dr. Sanjay Pawar	19/09/26 10.0-11.0 hrs
5	Sorathiya Tejaskumar rameshbhai 9664763288 tejsorathiya12@gmail.com	2010125127	3 rd	M. Sc. (Agri)	AGM 591	Climate Change and Its Adaption Strategies in Pulses	Dr. Neeraj Kumar 9537510955 neeraj34012@gmail.com	Dr. R.R. Pisal	19/09/26 11.0-12.0 hrs.

6	Lavesh Kag 9981551988 kaglavesh@gmail.com	2010125061	3 rd	M.Sc. (Agri.)	Agron 591	Intercropping for resource use efficiency and farm productivity	Dr. L. K. Arvadiya 8128681260 arvadiya_lk67@nau.in	Dr. H. M. Patel	19/09/26 15.0-16.0 hrs.
7	Zankat Durvishaben Amarsinhbhai 9313026057	2010125141	3 rd	M. Sc. (Agri)	Biochem 591	Humic acid: A biochemical outlooks for salinity stress management	Dr. H. R. Ramani 9998380285 hrramani@nau.in	Dr. S. G. Patel	19/09/26 16.0-17.0 hrs.
8	Chodvadiya Heli Ashokbhai 7990646630 Helichodvadiya202@gmail.com	2010125025	3 rd	M.Sc. (Agri.)	Soil 591	Microbial succession and biochemical changes across decomposition stages of crop residues	Dr. Neethu T. M. 8154909244 neethutm@nau.in	Dr. P. K. Dubey	25/09/26 14.0-15.0 hrs
9	Miss Gunjan Chauhan 7791857613 chauhangunjan029@gmail.com	2010125064	3 rd	M.Sc. (Agri.)	Biochem 591	Smart Biodegradable Nanofertilizers: Hydrogel-Mediated Nutrient Delivery for Enhanced Plant Growth and Nutrient-use Efficiency	Dr. Vaibhavkumar N. Mehta 9426388144 vaibhavmehta@nau.in	Dr. Vimalkumar S. Prajapati	25/09/26 15.0-16.0 hrs
10	Tejasvini A. Patel 9687066706 tejasvinipatel258@gmail.com	1010124016	5 th	Ph. D.	Agron. 692	Integrated nutrient management for diversified cropping systems	Dr. D. P. Patel 9106271334 dppatel@nau.in	Dr. L. K. Arvadiya	25/09/26 16.0-17.0 hrs
11	Patel Nistha Chetankumar 9499759145 patelnistha@309@gmail.com	2010125087	3 rd	M.Sc. (Agri.)	Soil 591	Effect of organic manures/nutrients on growth, yield, and soil properties of tuber crops	Dr. A.R. Kaswala 9428760866 anandnau@gmail.com	Dr. P. K. Dubey	03/10/26 10.0-11.0 hrs
12	Raunak Sharma 9829567989 Sharma raunak7989@gmail.com	2010125110	3 rd	M.Sc. (Agri.)	Agron 591	Role of various nutrient sources on cereals under natural farming	Dr. P. K. Dubey 9016792767 pramodagro@gmail.com	Dr. A. R. Kaswala	03/10/26 11.0-12.0 hrs
13	Gopika Nair 7510590642 Gopikanair1969@gmail.com	2010125039	3 rd	M.Sc. (Agri.)	Soil 591	Ligno-cellulosic agricultural waste valorization by using microbes	Dr. Neethu T. M. 8154909244 neethutm@nau.in	Dr. P. K. Dubey	03/10/26 15.0-16.0 hrs
14	Khushveer Singh 9462881502 khushveer2021@gmail.com	2010125054	3 rd	M.Sc. (Agri.)	Soil 591	Greywater as an Alternate Water Source for Agricultural Irrigation	Dr. A. P. Italiya 7600059219 apitaliya@nau.in	Dr. R. R. Pisal	03/10/26 16.0-17.0 hrs
15	Gelani Krishna Sureshbhai 9638759691 krishapatel50133@gmail.com	2010125038	3 rd	M.Sc. (Agri.)	Agron 591	Sensor Based Irrigation Scheduling in Agriculture	Dr. R. R. Pisal 9974746445 rrpagri@nau.in	Dr. A. P. Italiya	9/10/2026 14.0-15.0 hrs
16	Patel Poojakumari Navinbhai 96876 85530 patelpooja1752004@gmail.com	2010125088	3 rd	M.Sc. (Agri.)	Soil 591	Influence of Pyroligneous Solution on Soil Properties and Crop Production	Dr. S.L. Pawar 94280 62569 slp--_swm@nau.in	Dr. V.R. Naik	9/10/2026 15.0-16.0 hrs

17	Kumbhani Bhoomi Rameshbhai 9016596425	2010125058	3 rd	M.Sc. (Agri.)	Biochem 591	Phytochemicals extraction from plants and its application in agriculture	Dr. H. M. Jajda hmjajda@nau. in 81286 99171	Dr. H. G. Suthar	9/10/2026 16.0-17.0 hrs
18	Chaudhari Divyakumari Rasikbhai 9081009473 Chaudharidivya108@gmail.com	2010125015	3 rd	M.Sc. (Agri.)	Agron 591	Impact of crop diversification on weed dynamics and productivity in cereal based cropping systems	Dr. Pratik P. Javiya 9925689822 drppjaviya@nau.in	Dr. Narendra Singh	16/10/2026 14.0-15.0 hrs
19	Manish Kumar	2010125063	3 rd	M. Sc. (Agri)	Soil 591	Effect of Conservation Agriculture on soil carbon dynamics	Dr. Narendra Singh 9510146452 n.sing_soilsci@nau.in	Dr. Bhumika B. Tandel	16/10/2026 15.0-16.0 hrs
20	Abhijith S 9188086316 Abhijithsanthosh1206@gmail.com	2010125002	3 rd	M. Sc. (Agri)	AGM 591	Application of Machine Learning Techniques for Crop Yield Prediction Using Remote Sensing Data	Dr. Neeraj Kumar 9537510955 neeraj34012@gmail.com	Dr. R.R. Pisal	16/10/2026 16.0-17.0 hrs
21	Patel Hiralkumari Pareshbhai	2010125082	3 rd	M. Sc. (Agri)	Soil 591	Production, application and properties of hydrochar v/s biochar	Dr. Narendra Singh 9510146452 n.sing_soilsci@nau.in	Dr. N. M. Thesiya	17/10/2026 10.0-11.0 hrs
22	Sidapara Mansi D. 9712054718 Sidaparamansi7@gmail.com	2010125121	3 rd	M.Sc. (Agri.)	Agron 591	Integrated nutrient management in cereal crops	Dr. R. N. Mansuri rnmansuri@nau.in 89054 45822	Dr. Narendra Singh	17/10/2026 11.0-12.0 hrs
23	Bhagat Sonalkumari Ravindrabhai 8758941861 bhagatsonal62@gmail.com	2010125010	3 rd	M. Sc. (Agri.)	Agron 591	Nitrogen management in rice through nano urea	Dr. N. M. Thesiya, 9426536161 nmthesiya@nau.in	Dr. Narendra Singh	17/10/2026 15.0-16.0 hrs
24	Himani Patel 9601886800 Himu162003@gmail.com	2010125044	3 rd	M.Sc. (Agri.)	Soil 591	Hydrochar- Mediated Soil Improvement and Application of HTC Process Liquid as a seed Priming Agent	Dr. Sonal Tripathi 9724304673 sdixit77@nau.in	Dr. Ramesh Pankhaniya	17/10/2026 16.0-17.0 hrs
25	Chhutan Lal Meena 9462457053 Clmeena9462457053@gmail.co m	2010125024	3 rd	M.Sc. (Agri.)	Agron 591	Enhancing rainfed and dryland productivity through moisture conservation practices	Dr. B. K. Patel 9974061726 tanubrij@nau.in	Dr. A.R. Kaswala	23/10/2026 14.0-15.0 hrs
26	Ramani Nishidha Rajanikantbhai 9023940612 ramaninishidha@gmail.com	2010125108	3 rd	M.Sc. (Agri.)	Agron 591	Recent Advances in Production Technologies for Cotton	Dr. K. B. Sankat 9725018842 kanusankat@gmail.com	Dr. S. L. Pawar	23/10/2026 15.0-16.0 hrs
27	Simpi Pratham K. 9499789406 prathamsimp383@ gmail.com	2010125122	3 rd	M.Sc. (Agri.)	Agron 591	Efficient Weed Management in millets	Dr. J.V. Patel 9426259770 jvpatel@nau.in	Dr. D.P. Patel	23/10/2026 16.0-17.0 hrs

28	Chauhan Keyur Rameshbhai 7203984363 chauhankeyur2003 @gmail.com	2010125021	3 rd	M. Sc. (Agri.)	Agron 591	Smart fertilizers: A sustainable approach for enhancing crop production	Dr. N. M. Thesiya, 9426536161 nmthesiya@nau.in	Dr. Narendra Singh	30/10/2026 14.0-15.0 hrs
29	Sorathiya Tejaskumar rameshbhai 9664763288 tejsorathiya12@gmail.com	2010125127	3 rd	M. Sc. (Agri)	AGM 591	Climate Change and Its Adaption Strategies in Pulses	Dr. Neeraj Kumar 9537510955 neeraj34012@gmail.com	Dr. R.R. Pisal	30/10/2026 15.0-16.0 hrs
30	Zankat Yunak Abhessinh Mo. 9313134138 zankatyunak@gmail.com	2010125142	3 rd	M. Sc. (Agri)	Soil 591	The impact of foliar application of nutrient for better crop production	Dr.Prakash S Patel 9979336384 prakashsoilsci@nau.in	Dr. M. M. Patel	30/10/2026 16.0-17.0 hrs
31	Patel Shubham Bharatbhai 7043551819	2010122046	3 rd	M.Sc. (Agri.)	Agron 591	Role of zinc in major cereal crop production	Dr. K. A. Shah	Dr. V. J. Zinzala	06/11/2026 14.0-15.0 hrs
32	Lad Disha Hitendrabhai 9909614241 dishalad3012@gmail.com	2010125059	3 rd	M.Sc. (Agri.)	Agron 591	Approaches to Intercropping and Nutrient Management in Commercial Crops	Dr. R. B. Ardeshta 9825471231 rbardestha@nau.in	Dr. A. R. Kaswala	06/11/2026 15.0-16.0 hrs
33	Vikas Dhaker 9983562025 vikasdhaker797@gmail.com	2010125139	3 rd	M. Sc. (Agri)	Agron 591	Response of millets to foliar fertilizers	Dr. R. M. Pankhaniya 9725038056 rameshpankhanian@nau.in	Dr.V.J. Zinzala	06/11/2026 16.0-17.0 hrs
34	Rana Jiya Mukeshkumar 9265983910 mail.jiyarana@gmail.com	2010125109	3 rd	M. Sc. (Agri)	Agron 591	Agrovoltaics: Harvesting the Sun Twice	Dr. H.N. Der 9727428242 drhnder@nau.in	Dr. Narendra Singh	07/11/2026 10.0-11.0 hrs.
35	Dhimmar Bhumika Kiranlal 9054304045 Bdhimmar07@gmail.com	2010125028	3 rd	M.Sc. (Agri.)	Soils 591	Long-Term Effects of Crop Cultivation on Soil Physicochemical Properties	Dr. V. J. Zinzala 9724304673 vjz@nau.in	Dr. J. V Patel	07/11/2026 11.0-12.0 hrs
36	Modha Tulsi P. 9106863564 tulsimodha26@gmail.com	2010125065	3 rd	M. Sc. (Agri)	Biochem 591	Role of Smoke Water in Seed Germination and Seedling Growth: A Biochemical Prospective	Dr. V. K. Vekariya 97129 13345 vvekaria@nau.in	Dr. R. K.Kalaria,	07/11/2026 14.0-15.0 hrs.
37	Chauhan Karmadip Haribhai 7046618108 chauhankarmadip@gmail.com	2010125020	3 rd	M.Sc. (Agri)	AGM 591	Importance crop weather modelling and agrimet softwares in agriculture	Dr. Smita Gupta 97617 23843 smita4gupta@gmail.com	Dr. L. K. Arvadiya	07/11/2026 15.0-16.0 hrs.

38	Patel Krishna Umeshkumar 9313695762 patelkrishana2604@gmail.com	2010125085	3 rd	M. Sc. (Agri)	Agron. 591	Optimizing water and nitrogen management in cereal	Dr. B. B. Tandel 9998002474 bhumi.tandel19@gmail.com	Dr. Narendra Singh	07/11/2026 16.0-17.0 hrs
39	Puneet Saini 9694834125 sainipuneet0809@gmail.com	2010125104	3 rd	M.Sc. (Agri.)	Soils 591	Nitrogen Mineralization in Soil: Key Drivers and Governing Factors	Dr. D. P. Patel 9106271334 dppatel@nau.in	Dr. H. H. Patel	20/11/26 14.0-15.0 hrs
40	Sanju choudhary 9588936167	2010125114	3 rd	M. Sc. (Agri)	AGM 591	Effect of heat stress on agriculture crops	Dr. B.M. Mote 9822486248 amarmote4141@nau.in	Dr. R. R. Pisal	20/11/26 15.0-16.0 hrs
41	Butani Neha Bhaveshbhai 9099787950 Nehabutani06@gmail.com	2010125012	3 rd	M. Sc. (Agri)	AGM 591	Climate smart agriculture: Strategies, adoption for sustainable devlpoment	Dr. Smita Gupta 97617 23843 smita4gupta@gmail.com	Dr. L. K. Arvadiya	20/11/26 16.0-17.0 hrs

No. ACN/Chem./PG Seminar/Odd semester(Y-2026)/ 738/2026
Navsari. Date: 21 /08/2026



(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. P.G Academic In charge, 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 the PG guides/teachers of main campus of crop production group (Agronomy, Soil science & Agril. Chemistry, Biochemistry and Agril. Meteorology) are requested to attend at least 50 per cent of seminar sessions during the series.
- All PG students of crop production group are required to compulsory attend at least 75 % of the seminar. If student fails to attend 75 % of total number of seminar held during a semester, shall repeat the seminar when offered in next semester (As per academic regulation 42.3; w. e. f. 01/7/2024).

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					
POST GRADUATE SEMINAR (CROP PRODUCTION GROUP) - : 2026					
N. M. COLLEGE OF AGRICULTURE					
NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI					
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	:	
	Co-guide	: Dr. K.G. Patel	Time	: 9.00-10.00 am	
Importance of Cropping Sequence in Improvement of Soil Health and Sustainability					
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 arises 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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Confidential

(In five copies)

APPENDIX-A

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

1.	Name of student (In capital letter)	:	NAVYA
2.	Registration No.	:	2010124054
3.	Degree	:	M. Sc. (Agri.)
4.	Discipline		
	Major	:	Soil Science
	Minor/ Supporting	:	Agronomy
5.	Seminar topic	:	Biofilm biofertilizer and its potential application in Agriculture
6.	Date of Seminar	:	03-10-2025
7.	Course No.	:	Soil 591
8.	Semester	:	3 rd

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	
	Total score	100	
	Average Score	-	

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 Soil Science 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.			
2.			
3.			
4.			
		Total Score	
		Av. Score Out of 100)	
		(Out of 10)	

Place: Navsari

Date: 4/10/2025

Signature of Major Guide
(Name & Designation)

