

यशवंतराव चव्हाण महाराष्ट्र  
मुक्त विद्यापीठ, नाशिक

नेक मानांकित 'अ' श्रेणी  
ज्ञानगंगोत्री, गंगापूर धरणाजवळ, गोवर्धन  
नाशिक - ४२२ २२२ (महाराष्ट्र) भारत



ज्ञानगंगा परियोजना

Yashwantrao Chavan Maharashtra  
Open University, Nashik

NAAC Accredited 'A' Grade

Dnyangangotri, Near Gangapur Dam, Govardhan  
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कृषि विज्ञान विद्याशाखा / School of Agricultural Sciences

धारिका: SAS-126/16

दिनांक: 25-02-2026

परिपत्रक

माती विना शेती प्रमाणपत्र शिक्षणक्रमासाठी अभ्यासकेंद्र प्रस्ताव

यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ अंतर्गत कृषि विज्ञान विद्याशाखेमार्फत वर्ष 2026-27 पासून माती विना शेती प्रमाणपत्र शिक्षणक्रम नव्याने सुरु करण्यात येत आहे. सदर शिक्षणक्रम महाराष्ट्र राज्यात विविध अभ्यासकेंद्रांमार्फत राबविण्यात येणार आहे.

महाराष्ट्रातील पुढील पात्रता असणाऱ्या सर्व संस्थांना कळविण्यात येते की माती विना शेती प्रमाणपत्र शिक्षणक्रम आपल्या शिक्षण संस्थेमार्फत सुरु करावयाचा असल्यास Manual for Hydroponics, Programme Learning Support Centre Management, School of Agricultural Sciences, YCMOU 2026 मधील Annexure 1: Requirements for opening of Learning Support Centre for YCMOU Certificate Programme in Hydroponics, Annexure 2: Application Form for opening of Learning Support Centre for YCMOU Certificate Programme in Hydroponics मधील मुद्द्यांनुसार प्रस्ताव विद्यापीठात हार्ड कॉपी स्वरूपात 10 मार्च 2026 पर्यंत प्रत्यक्षरीत्या सादर करावा.

**माती विना शेती प्रमाणपत्र शिक्षणक्रमासाठी अभ्यासकेंद्र पात्रता निकष:**

महाराष्ट्रातील राज्य कृषि विद्यापीठाशी (SAUs) संलग्न किंवा घटक कृषि/उद्यानविद्या महाविद्यालये किंवा भारतीय कृषि संशोधन परिषद (ICAR), नवी दिल्ली यांच्याशी संलग्न कृषि विज्ञान केंद्र (KVK)/ कृषि महाविद्यालये / उद्यानविद्या महाविद्यालये/ कृषि विज्ञान केंद्र / विज्ञान महाविद्यालये / हायड्रोपोनिक्स केंद्रे किंवा संस्था ज्यांच्याकडे M. Sc. (Agriculture/Horticulture/ Agril. Engineering / Soil Science and Agril. Chemistry/ Chemistry/ Biochemistry/ Botany/ Microbiology and allied branch and expertise in Hydroponics Industry) अशा पात्रतेचे तज्ज्ञ शिक्षक असणे आवश्यक आहे.

प्रति अभ्यासकेंद्र पडताळणी शुल्क रुपये 5,000/- संबंधीत संस्थेला / महाविद्यालयांना मा. वित्त अधिकारी यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक यांच्याकडे ऑनलाइन पद्धतीने जमा करावे लागेल. त्यासाठीची लिंक केंद्र पडताळणीपूर्वी संबंधित संस्थेस / महाविद्यालयास कळविण्यात येईल.

धन्यवाद....!



*(Signature)*  
25.02.2026  
(प्रा. डॉ. माधुरी सोनवणे)  
संचालक,  
कृषि विज्ञान विद्याशाखा

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## Annexure

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### Annexure 1: Requirements for opening of Learning Support Centre for YCMOU Certificate Programme in Hydroponics

- 1.1 The Organization intending to start Learning Support Centre for YCMOU Certificate Programme in Hydroponics shall be the registered organization under **Public Trust Act (1860) and Societies Registration Act (1950)**.
- 1.2 The Organization shall have **College of Agriculture/Horticulture** Constituent or affiliated to State Agricultural University (SAUS) **OR Krishi Vigyan Kendra (KVK)** affiliated to Indian Council of Agricultural Research (ICAR), New Delhi **OR Science Collage** under **State University in Maharashtra** OR Hydroponics Centers having Qualified Teacher or faculty with M. Sc. Agriculture/Horticulture/ Agril. Engineering / Soil Science and Agril. Chemistry/ Chemistry/ Biochemistry/ Botany/ Microbiology and allied branch and expertise in Hydroponics Industry.
- 1.3 The Organization intending to open YCMOU Center must provide the resolution of the organization signed by **The Chairman & The Secretary both, giving approval to establish** Learning Support Centre for YCMOU Certificate Programme in Hydroponics **with all rules & regulations binding on them & their organization**. The Organization must provide last three years Audit Report/Annual Report showing their Academic and financial status to that effect.
- 1.4 The Organization intending to establish Learning Support Centre for YCMOU Certificate Programme in Hydroponics will have well-furnished class rooms and laboratories with minimum 40 students seating capacity. (1 Classroom, 1 Hydroponics Laboratory, Computer Lab, Seminar Hall, Library)
- 1.5 The Organization intending to establish Learning Support Centre for YCMOU Certificate Programme in Hydroponics, must provide at least 2-4 qualified teaching counselors having Post Graduate degree in Agriculture/Horticulture/ Agril. Engineering / Soil Science and Agril. Chemistry/ Chemistry/ Biochemistry/ Botany/ Microbiology and allied branch with expertise in Hydroponics. The center must have supporting staffs including One Centre Accountant, One Centre Assistant and One Centre Peon
- 1.6 The Organization intending to Open Learning Support Centre for YCMOU Certificate Programme in Hydroponics must have Hydroponics Systems and Fodder Production Room with essential equipment, Polyhouse, Shedding Net, Training Laboratories for conducting the practicals.
- 1.7 The Hydroponics Systems facility must have complete structure set with RO Water Systems, Halogen light, LED (PAR) light, Sodium Pressure lamp, Controller for lighting system,



Controller for irrigation systems, Water storage tank-50, 100, 500, 1000 liters, Pumping equipments, Fertigation equipments and other essential facilities to conduct practicals.

- 1.8 The Fodder Production system must have room area (approx. 50 – 60 sq. ft.), Steel Racks (approx. 6 ft. X 5 ft. X 10 ft.), Fodder Trays (approx.1.5 ft. X 2 ft.), Foggers, Timers for automation, Lateral Pipe, End Cap, Rubber Gurnet, Valve Cock, Water Tank, Mud Filter, Return Valve, Water Pump, Small Oxygen Pump, Exhaust Fan, Pedestal Fan, Ball Valve, Buckets and Wire.
- 1.9 Hydroponics laboratory must have equipments like Weighing balance, EC Meter, PH meter, TDS Meter, PAR Meter, CO2 meter and Chemicals like various nutrient solutions, Water soluble Fertilizer, various types of Medias, Disinfecting Chemicals, Pesticides and Insecticides, other necessary chemicals and reagents with necessary glasswares.
- 1.10 The Farm equipments like different types of pots, small containers, water quality testing kit, etc must be available for conducting practicals
- 1.11 The Organization must provide **Self Signed Bio-data of all Center Management Staff and Academic Faculty Members** intended to participate in teaching and operation of Learning Support Centre for YCMOU Certificate Programme in Hydroponics in the format prescribed by the university.
- 1.12 The Organization shall have separate building & accommodation facility for Open University students, Inverter/Battery backup facility to the laboratory instruments, 1000 sq.ft. carpet area of Library & Reading Room with sufficient number of books, magazines, etc.,
- 1.13 The Organization intending to start OR continue with their Learning Support Centre for YCMOU Certificate Programme in Hydroponics shall apply giving full details regarding point 1-12 above 20<sup>th</sup> March, 2026 alongwith Rs. 5,000/- inspection fee for establishing new learning support center and continuation of existing Learning Support Centre for YCMOU Certificate programme in Hydroponics for further duration. The Inspection fee payment should be only by done online to Finance Officer, YCMOU, Nashik.
- 1.14 The Director of the School of Agricultural Sciences on behalf of YCMOU reserves the right to recognize, derecognize or re-locate Learning Support Centre for YCMOU Certificate Programme in Hydroponics to any organization within 50 Kilometers radius without assigning any reason. He shall see the potential and feasibility of Learning Support Centre for YCMOU Certificate Programme in Hydroponics within the 50 kilometer radius of existing Learning Support Centre for YCMOU Certificate Programme in Hydroponics in the area. The dispute between YCMOU & the intending Organization shall be resolved within the legal jurisdiction of Nashik.



## Annexure 2: Application form for opening of Learning Support Centre for YCMOU Certificate Programme in Hydroponics

*Inspection report of New Learning Support Centre for YCMOU Certificate Programme in Hydroponics (Inspection report as per clause 1.1 to 1.10 in Annexure- 01, Manual for Hydroponics Learning Support Centre Management, YCMOU Nashik-2022.)*

### I] Detail Information of Host Organization

01] Full Name & Detail Address of Agricultural College /Horticulture College/Krishi Vigyan Kendra/Science Collage/Recognized Hydroponics Centers:

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_  
 Communication: Phone no. With STD Code: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 02] Organization Type

Sr. No.	Organization Type	Yes/No	Committee Remark
01	Government		
02	Semi- Government		
03	NGO		
04	Private		
05	Co-Operative		

03] Date and Year of registration (under Public Trust Act (1860) and Societies Registration Act (1950) ) of the Organization/Institution intending to start Learning Support Centre for YCMOU Certificate Programme in Hydroponics:

04] Date and Year of Agricultural University's /ICAR affiliation/ Science Collage/ Government Recognition:

05] Name & Address of the Agricultural University/ State University to which the Institution has affiliation:

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_  
 Communication: Phone no. With STD Code: \_\_\_\_\_ E-mail: \_\_\_\_\_

06] Whether there is/are any Learning Support Centre for YCMOU Certificate Programme in Hydroponics approved by and working under YCMOU, within the radius of 50 kilometers (Under such condition, one must not apply for the Learning Support Centre for YCMOU Certificate Programme in Hydroponics) : Yes/No.  
 Actual Details:



**07] Organization (Host Institute) Name & Address:**

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_

Communication: Phone no. With STD Code: \_\_\_\_\_ E-mail: \_\_\_\_\_

**08] Chairman of Organization (Host Institute) - Name & Address:**

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_

Communication:  
Phone no. With STD Code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail: \_\_\_\_\_

**09] Vice-Chairman of Organization (Host Institute) - Name & Address:**

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_

Communication:  
Phone no. With STD Code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail: \_\_\_\_\_

**10] Secretary of Organization (Host Institute) - Name & Address:**

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_

Communication:  
Phone no. With STD Code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail: \_\_\_\_\_

**11] Name & Address of Principal/ Training Organizer/ Agricultural College/ Horticulture College /Collage Krishi Vigyan Kendra/ Science Collage /Recognized Hydroponics Centers :**

Taluka: \_\_\_\_\_ District: \_\_\_\_\_ Pin: \_\_\_\_\_

Communication:  
Phone no. With STD Code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail: \_\_\_\_\_



Programme Name	Yes/No	Committee Remark
Certificate Programme in Hydroponics		

**II] Details of Teacher Councilors /Administrative staff available on the Hydroponics Learning Support Centre & their Biodata :**

Sr. No.	Designated Post/ Teacher Counselors	Name (in full form), Address, Pin , Mob. No., E-mail ID	Educational Qualification	Specialization	Experience	Remark For Committee
01.	Centre Head	Name: _____ Address: _____ Mob. No. : _____ E-Mail ID: _____				
02.	Centre Co-coordinator (Proposed Name )	Name: _____ Address: _____ Mob. No. : _____ E-Mail ID: _____				
03	Centre Accountant	Name: _____ Address: _____ Mob. No. : _____ E-Mail ID: _____				
04	Centre Assistant	Name: _____ Address: _____ Mob. No. : _____ E-Mail ID: _____				
05	Centre Peon	Name: _____ Address: _____ Mob. No. : _____ E-Mail ID: _____				

**III] Building & other Infrastructure Facilities Details:**

**A] Class Rooms Details:**

Sr. No.	No. of Designated Infrasturcture	Quantity (No.) with Size/ Dimensions ( X = Sq. Meter)	Remark For Committee
01	Class Room		
02	Hydroponics Laboratory		
03	Poly House		
04	Fodder Production Room		
05	Shedding Net Unit		
06	Library		
07	Reading Room		
08	Seminar Hall		
09	Guest House/ Hostel (Rooms)		
10	Parking Site		
11	Urinary Male (For Student)		
12	Urinary Female (For Student)		



**B] Laboratory Detail****I] Hydroponics Laboratory Details for Vegetable and fruit Production:**

Sr. No.	Name of Instruments	YCMOU Prescribed Quantity (No.)
01	Hydroponics System (Liquid based and media based)	1
02	Various Nutrient Solutions	As per requirement
03	Polyhouse Unit (50 Sq. m. (01 Unit)	1
04	RO Water System: (1 Complete Set)	1
05	Shedding Net Unit	1
06	Water Soluble Fertilizers	As per requirement
07	Halogen Light	As per requirement
08	LED PAR Light	As per requirement
09	Sodium Pressure lamp	As per requirement
10	Controller for Lighting System	1
11	Controller for Irrigation System	1
12	Different types of Pots to Grow Plant	As per requirement
13	Various types of medias	
14	Weighing Balance	1
15	EC Meter	1
16	PH Meter	1
17	TDS Meter	1
18	PAR Meter	1
19	Co2 Meter	1
20	Water Storage tanks, 50,100,500,1000 lit	As per requirement
21	Pumping equipment	As per requirement
23	Fertigation equipment	As per requirement
24	Water quality testing kit	1
25	Small containers	As per requirement
26	Disinfecting Chemicals	
27	Pesticides and Insecticides	
28	Necessary Glass wares, Chemicals and Reagents	As per requirement

**II] Hydroponics Laboratory Details Fodder Production:**

Sr. No.	Name of Instruments	YCMOU Prescribed Quantity (No.)
01	Room Area - approx 50 - 60 sqft	1
02	Steel Rack for loading fodder trays - 6ft x5 ft . Height - 10 ft	As per requirement
03	Fodder trays ( 1.5 x2 ft) - 55 Trays ( approx)	1
04	RO Water System: (1 Complete Set)	1
05	4 Timers for automation - 2 cyclic timers and 2 programmable timers.	1
06	Foggers(20 lph) -	approx 60 pc
07	Lateral pipe (20 mm ) - 45 meter approx	As per requirement
08	End cap - 25 pc approx	As per requirement
09	Rubber Gurmet - 25 pc approx	
10	valve cock (20 mm ) -	25 pc approx
11	Water tank capacity - 300 - 500 liter	As per requirement
12	1.5 inch PVC pipe - 50-60 ft length	As per requirement



13	mud filter ( 1.5 inch)	As per requirement
14	1 Return valve (1.5 inch)	As per requirement
15	0.5 H.P water pump and fittings	1
16	PH Meter	1
17	TDS Meter	1
18	PAR Meter	1
19	Co2 Meter	1
20	Small oxygen pump	1
21	Small size exhaust Fan	1
23	Fertigation equipment	As per requirement
24	Small size pedestal Fan	1
25	Ball valve ( 1.5 inch )	As per requirement
26	3-4 Buckets	As per requirement
27	Wire ( 1.5 sqmm core )	As per requirement
28	Necessary Glass wares, Chemicals and Reagents	As per requirement

**C] Other Teaching Aids Details**

**i] List of Teaching Aid):**

Sr. No.	Name of the Teaching Aids	YCMOU Prescribed Quantity (No.)	Actual Quantity (No.)	Remark For Committee
1	Charts			
2	Posters			
3	Video			
4	Model			

(Please Attach Separate Sheet if Necessary)

**ii] List of Books & Magazines in Library Details:**

Sr. No.	Name the Books, Magazines & Newspapers	YCMOU Prescribed Quantity (No.)	Actual Quantity (No.)	Remark For Committee

(Please Attach Separate Sheet if Necessary)

**III] Checklist at the time of Inspection:**

Sr. No.	Check List-Items	Remark	Remark For Committee
01	CA Certified Audit Report		
02	MOU Submitted		
03	Inspection Fees Paid Amount: Rs. _____ Transaction ID: _____ Date: _____		



04	Physical Presence of all the Teacher Counselors at the time of Inspection		
05	Biodata of All the YCMOU Concern Staff		
06	Written Consent From the Head of the Organization or Management Decision (Consent shall be typed on Letter Head of Organization)		
07	Design & Layout of Hydroponic System facilities		
08	Design & Layout of Polyhouse		
09	Appointment Orders of YCMOU's Concern Staff		
10	Battery Backup Supported Laboratories		
11	Switch on Laboratory Instruments at the time of Inspection		
12	Students Accommodation Facility at the time of Examination		
13	Potable Drinking Water Facility to Students		
14	Student Travelling Facility for Dog House/Clinic Visit		
15	Paid Xerox Facility to Students		

**IV] Brief information about the activities of the Organization:**  
(Please Attach Separate Sheet if necessary)

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Date of Inspection / Visit: \_\_\_\_\_

**Undertaking**

The **Principal of the Institution** and authorities concerned to Institution do hereby undertake to give all necessary cooperation for the efficient functioning of the Learning Support Centre for YCMOU Certificate Programme in Hydroponics, if granted to our College.

**All the above information is true.**



(Signature, Name & Seal)

**Principal/ Director/Head of the  
Institution**

(Signature, Name & Seal)

**Chairman/ Secretary/Head of the  
Institution**

**For Office Use only (YCMOU):**

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(Signature, Name & Seal)

**Co-coordinator-  
Hydroponics Learning Support Centre  
Management /  
Inspection Committee- Member  
YCMOU, Nashik**

(Signature, Name & Seal)

**Inspection Committee- Expert  
Member  
YCMOU, Nashik**

(Signature, Name & Seal)

**Director  
School of Agricultural Sciences/  
Inspection Committee- Chairman  
YCMOU, Nashik**

