



**National Backward Krushi Vidyapeeth Solapur in India**  
**राष्ट्रीय मागासवर्ग कृषी विद्यापीठ सोलापूर विद्याभारत**

Tadwal Railway Station, Tal.Akkalkot, Dist.Solapur.

**Registered Approval : NAEIRR**

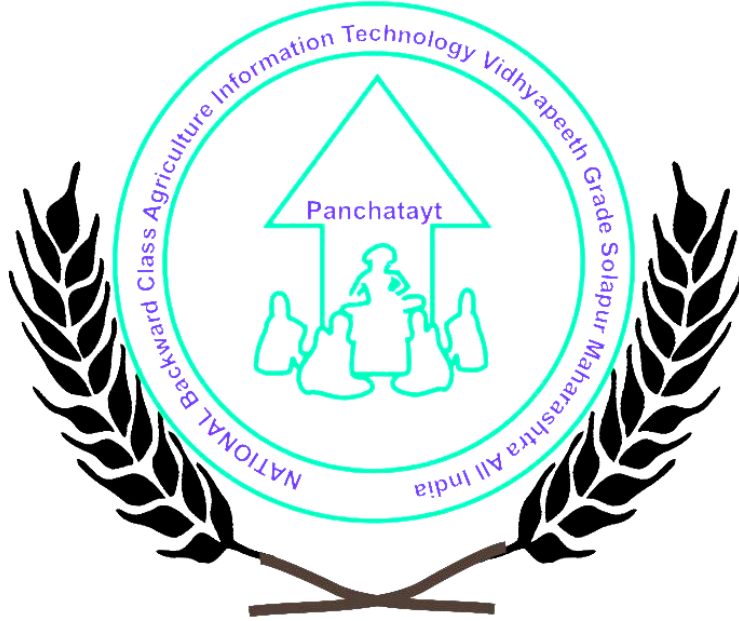
**Non Government Organization India Local Government**

[www.nbkvsolapur](http://www.nbkvsolapur)

email : [nbkvsind@gmail.com](mailto:nbkvsind@gmail.com)

Telegrams  
National Vidyapeeth  
Telephone : 0217-2331340  
Fax No. : 0217-2331340  
No.1 Agriculture Syllabus Courses 2014

Agriculture Professional Rural Development  
(Agriculture / Research & Resources Social Education)



**Courses / Subject / Syllabus / Title Information Particular**



**National Backward Krushi Vidyapeeth Solapur in India**  
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**Annexure – I**  
**Courses Particular**

Sr. No.	Courses Name	Duration	Course Group ID
1.	Animal Husbandry Dairy Fishers & Science	2 & 4 years	
2.	Agriculture Diploma	2 years	
3.	Agriculture Degree	4 years	
4.	Agriculture Engineering	4 years	

**Note :**

National Backward Class Open Agriculture Vidyalaya Information Technology Validity Subject / Syllabus National Agriculture Education Board / Central & State Government Approval by Validity National Agriculture Diploma / Degree/ Engineering Section.  
Purchase / Request Exam Copy

**Title Information:**

About This Title / About The Author / NEW! eBook / Reviews and Commentary / Media and Supplements / Table of Contents / Pricing and Options / Samples Page.

**Related Subject Areas:**

Annual Behavior

**Catalog:**

List by Author / List by Subject Area / List by Title.

**Animal Behavior:**

An Evolutionary Approach, Ninth Edition/ About This Title / About this Author / NEW ! • eBook / Reviews and Commentary / Media & Supplements / For the Instructor (Available to-qualified adopters) / Instructor's Resource Library (ISBN 978-0-87893-285-6) / Contents / Table of Contents / Pricing and Options.

**International Standard Book Number:**

Contents / Overview / ISBN Issuance / Group identifier / Publisher Code / Check digits / \*SBM 10 check digit calculation / ISBN-13 check digit calculation / Errors in usage / EAN format Use\*1 in barcodes, and upgrading.

Yours faithfully,

B.S.Patil

**Deputy Register (Academic)**

**Annexure – II**  
**Courses Particular**

Sr. No.	Courses Name	Duration	Course Group
A)	Animal Husbandry Dairy Fishers & Science (Dairy Diploma)	2/4 years	I, II, III, IV (A to N)
	<b>Name of Subject</b>		<b>Subject National Code</b>
I	A) Grass For Dairy Cattle		9780851992884
	B) Animal Behaviour		9780878932252
	C) Farm of Fishery		9780195665239
	D) Milk & Milk Product		9788184894318
II	E) Breeding for Disease Resistance in Farm Animals		9780851993256
	F) Farm Animal Metabolism & Nutrition		9780851993782
	G) Applied Dairy Microbiology		9780824705367
	H) Animal Physiology		9780878936625
III	I) Farming Aquatic Animals & Plants		9781405188586
	J) Biotechnological Innovations In Animals Productivity		9780750615112
	K) Germ Free & Gnotobiotic Animals Models Background		9780849340086
IV	L) Redesigning Animals Agriculture		9781845932237
	M) Voluntary Food Intake & Diet Selection of Farm Animals		9781845932794
	N) Animal Domestication & Behaviour		9780851995977
	O) Animal Husbandry		
	P) Animal Production & Animal Bread		
	Q) Fodder Production		
	R) Primary Animal Health & First Aid		
	S) Animal Husbandry Extension		
	T) Co operative society management of account methods.		
	U) Cattle Buffalo Rearing Poultry Production.		
	V) Milk Quality Control		
	W) Milk Handling & Sale		

Yours faithfully,



B.S.Patil

Deputy Register (Academic)

**Annexure – III  
Courses Particular**

Sr. No.	Courses Name	Duration	Course Group
B)	Agriculture Diploma	2 years	I, II, III, IV (1 to 2)
	<b>Name of Subject</b>		<b>Subject National Code</b>
I	1) Grass Ton Dairy Cattle		9780851992884
	2) Plant Cell And Tissue Culture		9788181283719
	3) Introduction to Planning Practice		9780471985228
II	4) Introductory Horticulture		9780827367661
	5) Food Microbiology		9780854042845
	6) Animal Behavior		9780878932252
III	7) Ground Water Pollution Control		9780873710145
	8) Environment Microbiology		9780123705198
	9) Basic Molecular and Cell Biology		9781405153836
IV	10) Plant Disease Management Principles and Practices		9780849357589
	11) Area wide Pert Management		97818445933722
	12) Agriculture Ground Water Revaluation		9781845931728
	13) Chromimun in Soil		
	14) Soel Microbiology & Sustalname crop production		
	15) Introductory Horticulture		
	16) Fundamental of Petroleum & Petrochemical engineering.		
	17) Introduction to planning practicing		
	18) Plant Diseary Management printable & practicy.		
	19) Environment impact of pastare bared farming		
	20) Seed ecology.		
	21) Valuing crop biodiversity		
	22) Animal behavior		
	23) Area wide pert management		
	24) Nature Based Tourism, Enrolment & Land Management		

Yours faithfully,

B.S.Patil

Deputy Register (Academic)

**Annexure – IV**  
**Courses Particular**

<b>Sr. No.</b>	<b>Courses Name</b>	<b>Duration</b>	<b>Course Group</b>
<b>C)</b>	<b>Agriculture Degree</b>	<b>4 years</b>	<b>I, II, III, IV (A to N)</b>
<b>Sr. No.</b>	<b>Name of Subject</b>	<b>Subject National Code</b>	
1.	Advanced Techniques in Soil Microbiology	9788184898569	
2.	Milk and Milk Product: Technology, Chemistry and Microbiology	9788184894318	
3.	Modern Soil Microbiology, 2nd Edition	9780424727499	
4.	Breeding for Disease Resistance in Farm Animals	9780851993256	
5.	Environment Impacts of Pasture Based Farming	9781845934118	
6.	Farm Animal Metabolism and Nutrition	9780851993782	
7.	Insect Control: Biological and Synthetic Agents	9780123814494	
8.	Insects and Forest: The Role and Diversity of Insects in the forest Environment	9782743003319	
9.	Managing Agriculture Residues	9780873717304	
10.	Marine Wildlife and Tourism Management	9781845933456	
11.	Mathematical Modeling in Animal Nutrition ..	9781845933548	
12.	Metabolism Models of Crop Growth and yield	9780824708252	
13.	Metabolism of Agrochemicals in Plants	9780471801504	
14.	Methods in Agriculture Chemical Analysis	9780851996080	
15.	Microbial Ecology of Aerial Plant Surface ,,	9781845930615	
16.	Nature Based Tourism, Environment and land Management	9780851997322	
<b>First Semester</b>			
17.	Principal of Autonomy	Agro 111	
18.	Agriculture Metrology	Agro 112	
19.	Inductor Agriculture	Agro 113	
20.	Environmental Science	Bot 111	
21.	Introduction to soil science °	SSAC 111	
22.	Introduction of plant pathology	Path 111	
23.	Production technology of fruit crop	Hort 111	
24.	Fundamental of Rural Sociology & Psychology	Extn 111	
25.	Livestock Production & Management	ASDS 111	
26.	Mathematics	Matn 111	
27.	Communication skill in English	Lang 111 i	
28.	Physical Education.	Phy.EDN 111	
<b>Second Semester</b>			
29.	Water Management Including Micro Irrigation.	Agro 124	
30.	Soil Chemistry, Soil Fertility & Nutrient Management	SSAC 122	
31.	Agriculture Micro Biology	MIB0 121	
32.	Principal of Genetics	BOT122	
33.	Principal of Agriculture economics	ECON121	
34.	Agriculture extension	EXTN 122	
35.	Fundamental of soil & water engansing	ENGG121	
36.	Statities	STAT 121	
37.	National Service Scheme	MSS/NCC121	
<b>Third Semester</b>			
38.	Field crop-I	AGRO 235	

39.	Practical crop production	AGRO236
40.	Principle of plant breeding	BOT233
41.	Crop Physiology	BOT234
42.	Principle of plant pathology	PATH 232
43.	Insect Morphology & Systematics	ENTO 231
44.	Production Technology Vegetable & Flowers	HORT232
45.	Introduction to Computer & Application.	ENGG232
46.	Production Economics & Farm Management	ECON 232
<b>Forth Semester</b>		
47.	Field Crop- II C Rahi Crop	AGRO 247
48.	Practical Cropproduction- II	AGRO248
49.	Breeding of field & Horticulture Crop	BOT245
50.	Manures, Fertilizer & Agro-chemical	SSAC 243
51.	Disceases of field crop. & management.	PATH 243
52.	Inesect Ecology, Intergrated Pest Management	ENTO 242
53.	Production technology of spices	HORT243
54.	Agriculture finances & co-operation	ECON 243
55.	Livstock Proceeding & Mutrition.	ASDS 242
<b>Fifth Semester</b>		
56.	Water Management /	AGRO 359
57.	Principle of Plant Biotenology	BOT356
58.	Biochemistry	SSAC 354
59.	Diseases of Horticulture Crop	PATN354
60.	Crop pest & stored grain pest & management	ENTO 353
61.	Agriculture Marge ting traded & pieus	ECON 354
62.	Extension memodologies of transform technology	EXTN 353
63.	Milk & Milk Products —	ASDS 353
64.	Farm Power & Machinery	ENGG353
<b>Sixth Semester</b>		
65.	Farming system & sustainable agriculture. S	AGRO3610
66.	Organic & Rainfed Farming	AGRO3611
67.	Principles of Seed Technology	BOT367
68.	Post Harvest management & Value Addition Farming	HORT 364
69.	Agri Business Management	ECON 365
70.	Communication Development Skills	EXTN 364
71.	Production culturation & Post Hareve. Tech.	ENGG364
72.	Sheep & gacut Production.	ASDS 364
73.	Introduction Mematology.	ENTO 364
<b>Seventh Semester</b>		
74.	Rural Agriculture Work Experience	Rawe
<b>Eighth Semester</b>		
75.	Soil & Water Clinic	SSAC 486

Yours faithfully,

B.S.Patil

Deputy Register (Academic)

**Annexure - V**

<b>Sr. No.</b>	<b>Courses Name</b>	<b>Duration</b>	<b>Course Group</b>
<b>D)</b>	<b>Agriculture Engineering</b>	<b>4 years</b>	<b>I, II, III, IV</b>
<b>Sr. No.</b>	<b>Name of Subject</b>	<b>Subject National Code</b>	
1.	Cholesterol Systems in Insects and Animals	978049353154	
2.	Mathematical Modeling in Animal Nutrition	9781845933548	
3.	Mathematical Models in Agriculture Quantitative Methods for The P.	9780851990101	
4.	Ground Water Remediation and Petroleum. A guide for Underground Storage.	9780873712170	
5.	Methods for Assessment of Soil Degradation	9780849374432	
6.	Natural Ground Water Flow	9780873718684	
7.	Fundamentals of Petroleum And Petrochemical Engineering	9731439851609	
8.	Working Guide to Petroleum and Natural Gas Production Engineering	9781856178451	
9.	Soil Science Simplified	9789381714256	
10.	Earthquake Seismology, Treatise on Geophysics	9780444534637	
11.	Introduction to Mineral Exploration	9788126533213	
12.	Modeling Ground Water Flow and Contaminant Transport	9781402066818	
13.	Soil Analysis Physical Methods.	9780824783617	
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Yours faithfully,



B.S.Patil

Deputy Register (Academic)



**Annexure - VI**  
Course for Syllabus The Undergraduate Programme of  
Diploma / Degree / B.Sc. / M.Sc. (Agri.) Semester System  
2010-2011 & 2012-2013

**(A)**

- i) Detailed syllabus for animal husbandry dairy fishers and science dairy diploma part - i, ii, iii, iv
- ii) Detailed syllabus for agriculture diploma part - i, ii, iii, iv
- iii) Detailed syllabus for agriculture degree part -1, ii, iii, iv, v, vi
- iv) detailed syllabus for agriculture engineering part -1, ii, iii, iv, v, vi

**(B)**

Course for Syllabus  
The Undergraduate Programme of  
Diploma / Degree / B.Sc. M.Sc. (Agri.)  
Semester System  
Details for Subject  
Practical Marks, Theory Marks, Plot Work Marks.  
Title of Subject, Theory Marks, Theory Secured Marks, Practical Marks, Practical Secured Marks & Details of Theory + Practical Marks 650 + 550 = 1200 Theory + Practical Secured Marks Eg. 469 +398 = 867

**(C)**

Course for Syllabus  
The Undergraduate Programme of  
Degree / B.Sc. / M.Sc. (Agri.)  
Details for Subjet  
Practical Marks, Theory Marks, Plot Work Marks.

Yours faithfully,



B.S.Patil  
Deputy Register (Academic)



National Agriculture Education Institution of Research and Resource

राष्ट्रीय कृषी शिक्षण संस्थान शोध आणि संशोधन

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**SPEED POST**

Ref : 16/16

Date :- 6<sup>th</sup> June 2016

To,  
The Register,  
National Backward Krishi Vidyapeeth Solapur in India  
Tadwal Railway Station, Tal. Akkalkot, Dist.Solapur.

Subject :- Submission of detailed information of National Backward Krishi  
Vidyapeeth Solapur in india Established under Act Local Government of India

Sir,

With reference to your letter dated on the subject cited above, I am directed to inform you that the National Backward Krishi Vidyapeeth Maharashtra has been established by an act local government as a public information to Published under the Provision of right to information act 2005.

Your faithfully,

Deputy Director

Copy to :-

- 1) The Dean College Development Committee
- 2) The Dean Academic Affairs
- 3) The Coordinator Computer Center
- 4) The Special Officer Confidential Section for Information and necessary act
- 5) The Coordinator Examination
- 6) The webmaster website officer
- 7) The All National Agriculture University necessary action
- 8) The All Deputy Commissioner Social Welfare Department
- 9) The All State Principal Secretary / Director / Education Director
- 10) The All State Regional Deputy Commissioner / Social / Agriculture / All Department
- 11) The All State Collector / Chief Executive Officer
- 12) Deputy Director HRD Minister, New Delhi.
- 13) Deputy Director Panchayat Raj Mantralaya, New Delhi.
- 14) Deputy Director Social Welfare Department, New Delhi.
- 15) Deputy Director, Agriculture Department, New Delhi.