



NHEP

**Centre for Advanced Agricultural Science and Technology
(CAAST)
for Climate Smart Agriculture and Water Management (CSAWM)
Mahatma Phule Krishi Vidyapeeth, Rahuri
Tal. Rahuri, Dist. Ahmednagar 413 722**



F.No: MPKV/CAAST-CSAWM/Quot/ /2019

Date: / /2019

**Invitation for Quotations for Design and Development of Android application
for student's attendance and teacher's performance evaluation under
CAAST-CSAWM.....**

1. The experienced IT firm/agencies are invited to submit their most competitive quotation for the following goods and service.

Sr. No.	Specification	Quantity
1.	<p>Development of Android Application with database, Web API system for Student's Attendance and Teacher's performance evaluation. The Application should have web based portal for Administrator settings, download and print reports, other settings. The Android App should have following logins with roles given:</p> <p>A. Administrator:</p> <ul style="list-style-type: none">• Can add, edit and delete all the users• Can add, edit and delete the Performance evaluation parameters (e.g. Subject Knowledge, Communication, environment etc)• Can add, edit and delete the ranks for Performance evaluation parameters (e.g. Excellent, Good, Average etc)• Can have web and Android login <p>B. Dean</p> <ul style="list-style-type: none">• Can add, edit and delete List of Constituent and Affiliated Collages and its Associate Deans information• Can View the reports of Teacher's performance evaluation report and students' attendance of all the Constituent and Affiliated Collages as per semester, month, week and day wise• Can have web and Android login <p>C. Associate Dean</p> <ul style="list-style-type: none">• Can add, edit and delete List of HoDs and Teacher associated at its Collages• Can add, edit or delete the Time table of its collage• Can View the reports of Teacher's performance evaluation report and students' attendance of all the department in its collage as per semester, month, week and day wise• Can have web and Android login <p>D. Teacher</p> <ul style="list-style-type: none">• Can take attendance of Students at each class/period• Can reschedule the Class with permission of Associate Dean• Only Android login <p>E. Students</p>	01

	<ul style="list-style-type: none"> • Can Submit the feedback at end of every period, if notified and permitted by teacher • Only Android login <p>The Dashboard of Mobile App. will be having following types with hierarchy.</p> <p>I. Under graduate section Admin→Dean → Associate Dean→Teacher→Students</p> <p>II. Post graduate section Admin→Dean → Associate Dean→Dean→Teacher→Students</p> <p>III. Post graduate diploma (CAAST-CSAWM) Admin→PI → Member→Teacher→Student</p> <p>Details Mockup and working principle is attached at (C/11 to C/29). The app should work on Android 5.1 onward based mobile phone and tablet. Use latest version of Android development. The design of the app should be Farmer/user friendly with English and Marathi language support. Development of Web page in Admin panel of the CAAST-CSAWM Website to handle the master settings. The Web Application should be linked with the mpkv-caast.ac.in with proper menu control. Technologies to use for Development:</p> <p>1.Android Development: Android Studio tool 3.4.2, Language Java 1.8.1, Database SQLite, Graddle 4.10.</p> <p>2.Web Application : C# .Net, Angular, MS SQL Server</p>	
2.	NFC Tags with Data Management via Mobile (Add, update, erase Students data i.e. Name, Roll Number, Class, College name etc)	01

2. Government of India has received a financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.

3. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

4. Each Bidder should submit only one quotation.

5. Validity of Quotation

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission

6. Evaluation of Quotation

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) Are properly signed; and
- (b) Conform to the terms and conditions, and specifications.

The Quotations would be evaluated for the entire item together/would be evaluated separately for each item. [Select one of the options].

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. Award of Contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Payment shall be made immediately after delivery of the goods.

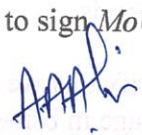
9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

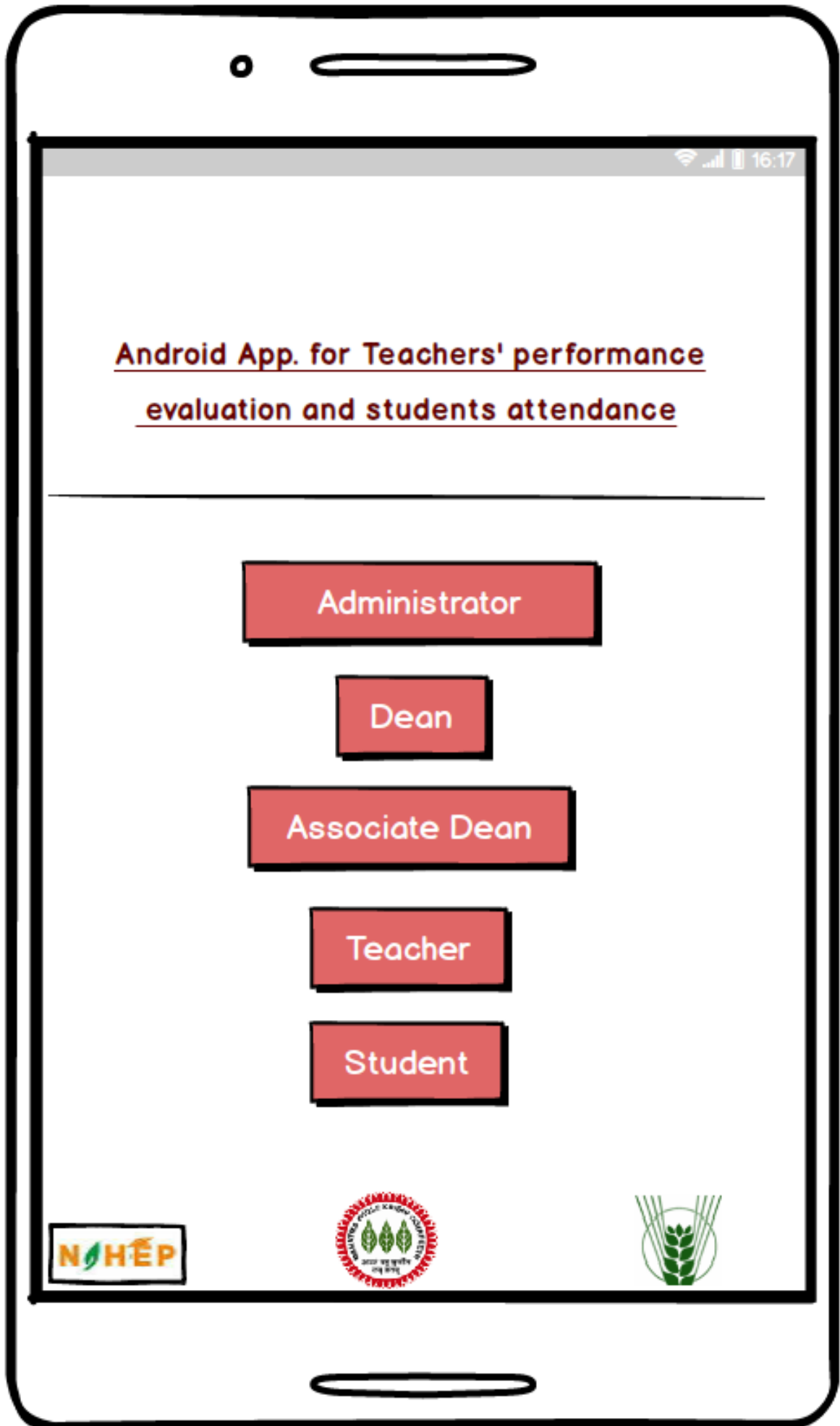
10. The Bidders are requested to provide their offer latest by 1700 hours on 27/01/2020.

11. We look forward to receive quotations and thanking of bidder's interest in this project.

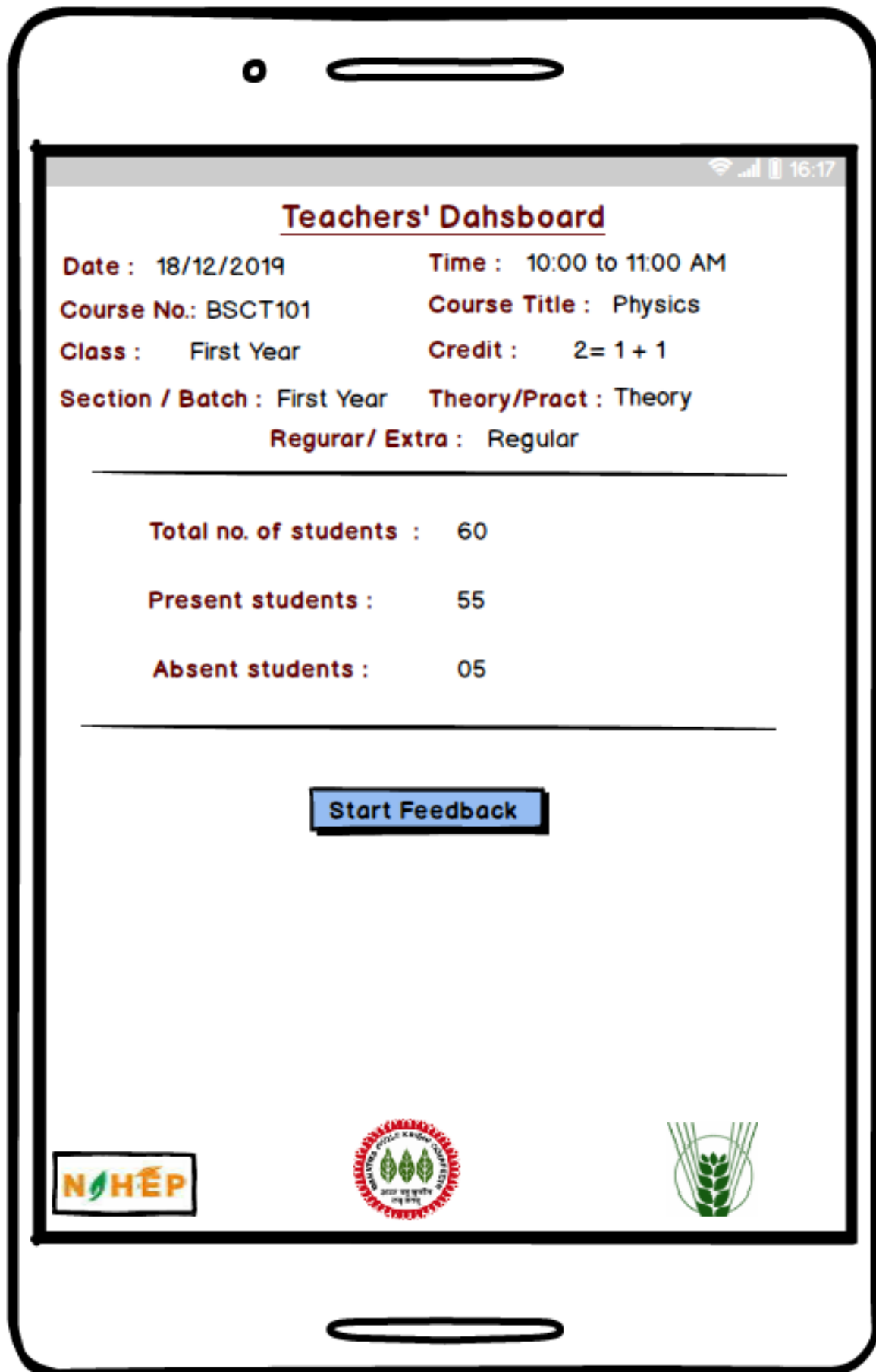
12. The provided Apps would be property of CAAST-CSAWM, MPKV, Rahuri.

13. The bidder will be responsible to provide support post-deployment/installation of the service at CAAST-CSAWM, MPKV, Rahuri for five years and need to sign MoU for this purpose.


Procurement Officer
CAAST-CSAWM,
MPKV, Rahuri







Students' Dashboard

(This screen will be live only for 05 minutes)

Date : 18/12/2019

Time : 10:00 to 11:00 AM

Course No.: BSCT101

Course Title : Physics

Class : First Year

Credit : 2= 1 + 1

Section / Batch : First Year Theory/Pract : Theory

Regurar/ Extra : Regular

Teachers' Evaluation Parameters

1. Subject Knowledge :

Excellent Good Avg

2. Communication :

Excellent Good Avg

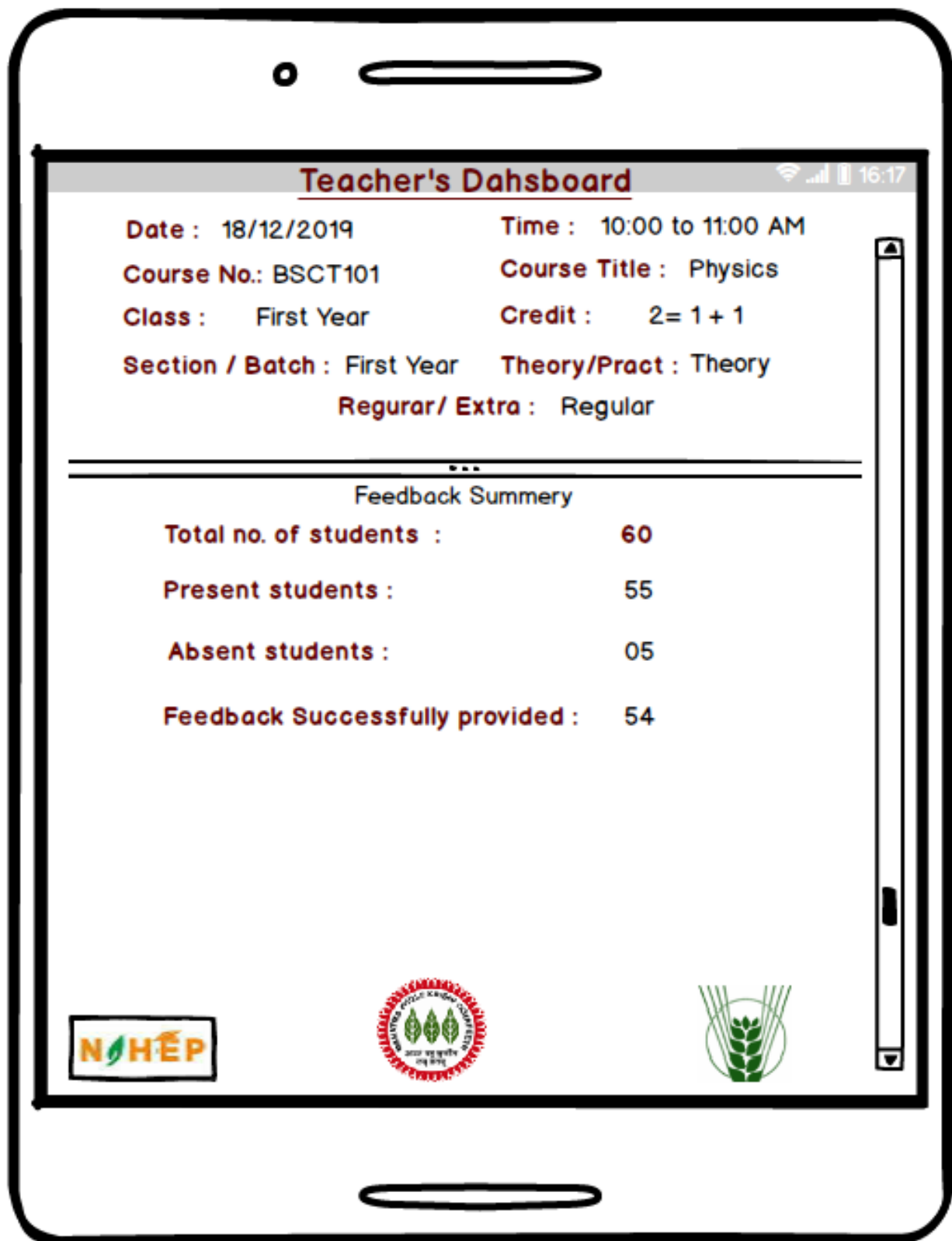
3. Environment of Class :

Excellent Good Avg

Save

Your feedback recorded successful !





Administrator

Mahatma Phule Krishi Vidyapeeth, Rahuri

Add Performance evaluation parameters & Ranking

Enter Parameter name :

Add

Enter Rank for Parameter name :

Add

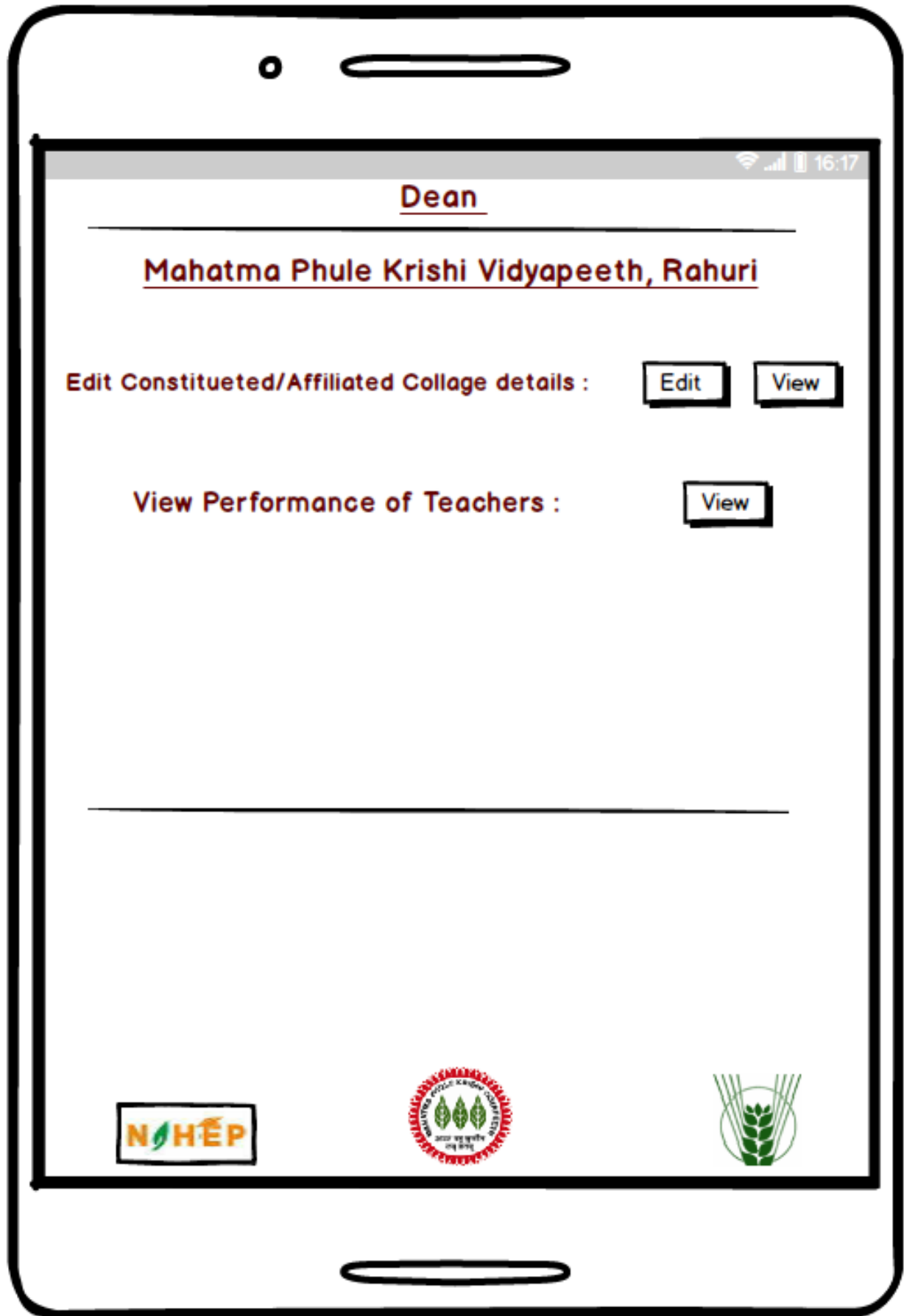
Remove Parameter :

Select name



Remove





16:17

Dean

Mahatma Phule Krishi Vidyapeeth, Rahuri




Add collage

Select type of Collage :

Enter name of Collage :

Address :

Name of Associate Dean :



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Dean

Mahatma Phule Krishi Vidyapeeth, Rahuri

View Performance report

Select the Collage :

Select Department :

Select Name of teacher :

Classes Conducted Timeliness Weighted Performance


View Attendance report


Select the Collage :


Select Department :

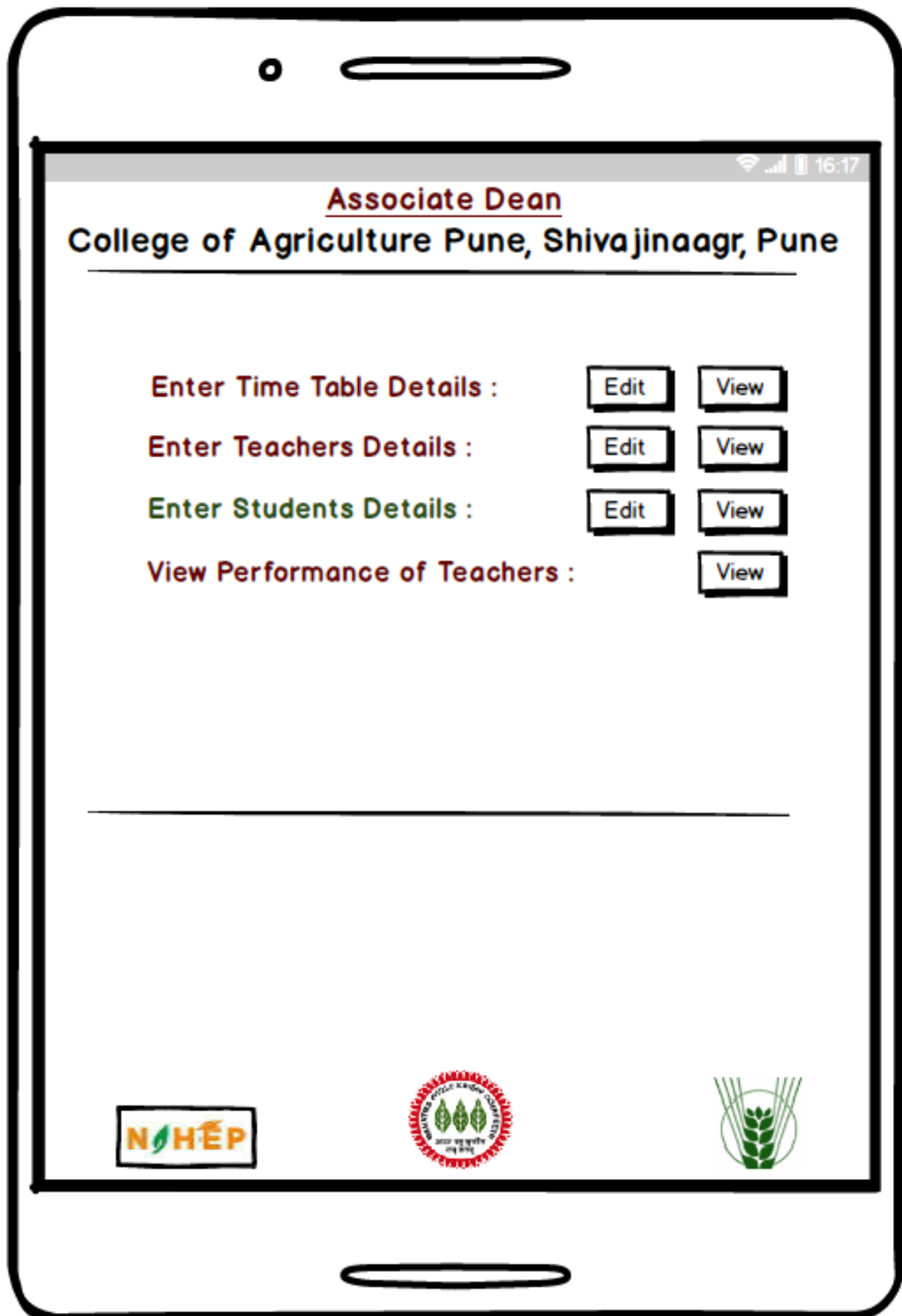
Select Name of Subject :

Semester wise Month wise Weekly









16:17

Associate Dean

College of Agriculture Pune, Shivajinagar, Pune

View Performance report

Select Department :

Select Name of teacher :




Classes Conducted Timeliness Weighted Performance

View Attendance report

Select Department :

Select Name of Subject :

Semester wise Month wise Weekly



Associate Dean Dashboard
College of Agriculture Pune, Shivajinagr, Pune

A. Time table details **Week**

Course no.	Course Title	Section (Theory)	Batch (Pract)	Name of Teacher	Week no. in Year						
					1.	2.	3.	10.	20	21	52
BSCT101	Physics	I	--	Dr. A B Patil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	II	--	Dr. R K Mane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	I	Dr. A B Patil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	II	Dr. A B Patil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	III	Dr. A B Patil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	IV	Dr. R K Mane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	V	Dr. R K Mane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSCT101	Physics	--	VI	Dr. R K Mane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Associate Dean Dashboard
College of Agriculture Pune, Shivajinaagr, Pune

Time table details **Day**

Course no.	Course Title	Section (Theory)	Batch (Pract)	Week, Day and Period							
				M	T	W	T	F	S	S	
BSCT101	Physics	I	--	P1							
BSCT101	Physics	II	--		P1						
BSCT101	Physics	--	I			P2					
BSCT101	Physics	--	II				P2				
BSCT101	Physics	--	III					P2			
BSCT101	Physics	--	IV						P2		
BSCT101	Physics	--	V					P2			
BSCT101	Physics	--	VI				P2				

P1 : 09 - 10 AM

P2 : 10 - 11 AM

P3 : 11 - 12 PM

P4 : 12 - 01 PM

P5 : 02-03 PM

P6 : 03 - 04 PM

P7 : 04 - 05 PM

Associate Dean Dashboard

College of Agriculture Pune, Shivajinagar, Pune

16:17

B. Teachers details

Sr.No.	Name	Discipline	Email	Mobile
1.				
2.				
3.				

C. Students details

Sr.No.	Name	Reg.No.	Email	Mobile	Course
1.					<input type="text" value="Add Course NO"/>
2.					
3.					



Associate Dean Dashboard

College of Agriculture Pune, Shivajinagar, Pune

D. Performance

Sr.No.	Name of Teacher	Discipline	Progress Report
1.			
2.			
3.			



16:18




Report

Date : 18/12/2019	Time : 10:00 to 11:00 AM
Course No.: BSCT101	Course Title : Physics
Class : First Year	Credit : 2= 1 + 1
Section / Batch : First Year	Theory/Pract : Theory
Regurar/ Extra : Regular	

Classes Conducted

Timeliness

Performance



Report

Week No	Classes conducted			
	Classes as Per time table	Classes conducted	Extra classes conducted	Total classes conducted
1	5	4	1	5
2	..	..	..	..
3	..	..	..	..
...				

Export in Excel



Report

Week No	Timeliness			
	Timeliness in Starting classes	Timeliness in Closing classes	Timeliness in duration	Average
1	90%	80%	85%	85%
2	..	..	..	..
3	..	..	..	..
...				

Export in Excel



Report

Weited Performance / Grade (%)

Week No	Excellent	Good	Average
1	55	10	35
2	--	--	--
3	--	--	--
...			

Export in Excel

