APPENDICES
## LIST OF TOOL VALIDATION EXPERTS

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Expert and Present Official Address</th>
</tr>
</thead>
</table>
| 1      | **Professor A. S. Ramakrishna**  
Head of the Department  
Institute of Advanced Study in Education  
Osmania University, **Hyderabad**, PIN: 500007  
Telangana State, India. |
| 2      | **Professor C. Madhumathi**  
Department of Education  
Institute of Advanced Study in Education  
Osmania University, **Hyderabad**, PIN: 500007  
Telangana State, India. |
| 3      | **Professor Manjula P. Rao**  
Department of Education  
Regional Institute of Education (NCERT)  
Manasagangothri, **Mysuru**, PIN: 570006  
Karnataka State, India. |
| 4      | **Professor R. C. Patel**  
Centre of Advanced Study in Education  
Faculty of Education and Psychology  
The Maharaja Sayajirao University of Baroda  
**Vadodara**, PIN: 390002  
Gujarat, India. |
| 5      | **Professor Sujata Srivastava**  
Department of Education  
Faculty of Education and Psychology  
The Maharaja Sayajirao University of Baroda  
**Vadodara**, PIN: 390002  
Gujarat, India. |
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Department</th>
<th>Institute</th>
<th>Address</th>
<th>City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Dr. G. Viswanathappa</td>
<td>Associate Professor</td>
<td>Department of Education</td>
<td>Regional Institute of Education (NCERT)</td>
<td>Manasagangothri, <strong>Mysuru</strong>, PIN: 570006</td>
<td>Mysuru, Karnataka, India</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Anil Kumar K</td>
<td>Assistant Professor</td>
<td>Department of Education</td>
<td>Regional Institute of Education (NCERT)</td>
<td>Manasagangothri, <strong>Mysuru</strong>, PIN: 570006</td>
<td>Mysuru, Karnataka, India</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Anjali Khirwadkar</td>
<td>Assistant Professor</td>
<td>Department of Education</td>
<td>Convenor, Practice Teaching Unit, Department of Education</td>
<td>The Maharaja Sayajirao University of Baroda, <strong>Vadodara</strong>, PIN: 390002</td>
<td>Vadodara, Gujarat, India</td>
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<tr>
<td>9</td>
<td>Dr. Dhanya Krishnan</td>
<td>Assistant Professor</td>
<td>Department of Education</td>
<td>Regional Institute of Education (NCERT)</td>
<td>Sachivalya Marg, <strong>Bhubaneswar</strong>, PIN: 7510222</td>
<td>Bhubaneswar, Odisha, India</td>
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<tr>
<td>10</td>
<td>Dr. Raniprameela. V.</td>
<td>Assistant Professor</td>
<td>Department of Education</td>
<td>Regional Institute of Education (NCERT)</td>
<td>Manasagangothri, <strong>Mysuru</strong>, PIN: 570006</td>
<td>Mysuru, Karnataka, India</td>
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</tbody>
</table>
Appendix-B

QUESTIONNAIRE FOR STUDENT TEACHERS OF THE
COOPERATING PRACTICE TEACHING SCHOOL

Name of the Student Teacher : 
Name of the College : 
Name of the Cooperating School : 
Name of the District : 

Dear student teacher,

I am a doctoral research scholar at the Centre of Advanced Study in Education, The Maharaja Sayajirao University of Baroda, Vadodara, and Gujarat. The title of research is: “A Study on Practice Teaching Programme in Teacher Education Institutions of Osmania University”. You have been selected as a sample in this study and your cooperation would be very much appreciated and thankful. I would like to assure you that present study adheres to research ethics.

Note: Please put (√) Mark on the appropriate answer and write your response wherever it is necessary.

1. Did your teacher educator conduct workshop on teaching aids before the commencement of Practice Teaching? Yes ☐ No ☐

2. Have you attended the workshop on teaching aids? Yes ☐ No ☐
2.1 If yes, what type of teaching aids was explained during workshop?
_____________________________________________________________________
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3. During the workshop on teaching aids, did you have chance/opportunity to prepare
teaching aids? Yes ☐ No ☐

3.1 If yes, what type of teaching aids did you prepared? Please put (√) Mark.
(a) 2-Dimensional Teaching Aids ☐
(b) 3-Dimensional Teaching Aids ☐
(c) Based on learning Experience’s ☐
(d) Improvised Teaching Apparatus ☐
(e) Any other ☐

4. Did you prepare teaching aids before entering in to class? Yes ☐ No ☐

4.1 If yes, what type of teaching aids did you prepared? Please put (√) Mark.
(a) Charts ☐
(b) Models ☐
(c) Specimens ☐
(d) Maps ☐
(e) Improvised Teaching Apparatus ☐
(f) Any other ☐

5. Did your subject method teacher educator explain on Macro Teaching lesson plan
before the commencement of practice teaching session? Yes ☐ No ☐

5.1 If yes, did it help you have a clear idea about the Macro Teaching Lesson Plan in
terms of-?
(a) Introduction of the lesson Yes ☐ No ☐
(b) Presentation of a lesson Yes ☐ No ☐
(c) Recapitulation Yes ☐ No ☐
(d) Home Assignment Yes ☐ No ☐
6. Were you given detailed guidelines by your method teacher educator with regard to lesson planning?  
   Yes ☐  No ☐

7. Have you prepared innovative lesson plan before the commencement of practice teaching?  
   Yes ☐  No ☐

8. Have planned different innovative methods of teaching for transacting lessons during the practice teaching?  
   Yes ☐  No ☐
8.1. If yes, give the examples of innovative methods of teaching which are being used by you?

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9. Were you given sufficient practice in writing lesson plans during the method classes?  
   Yes ☐  No ☐

10. Did you prepare lesson plan before taking the class?  
    Yes ☐  No ☐

11. Could you taught the lessons in the class as per the lesson plans prepared?  
    Yes ☐  No ☐

12. Did your method teacher educator Demonstrate Macro Lesson in the cooperating school?  
    Yes ☐  No ☐

12.1. If yes, how did these demonstration lessons help you in the practice teaching session?

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13. Have you visited cooperating school before the commencement of practice teaching session? Yes □ No □

13.1. If yes, then for what purpose did you visit the school?
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14. Did you collect syllabus from cooperating school before the commencement of practice teaching programme? Yes □ No □

15. Do your Headmaster/Headmistress of the School Cooperate with you in terms of-

(a) Allotting the time table Yes □ No □
(b) Allotting the classes Yes □ No □
(c) Managing the students Yes □ No □
(d) Giving extra periods when needed Yes □ No □
(e) Any other
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16. Whether the Headmaster/Headmistress of the school provided separate staff room for you? Yes □ No □

17. Did the subject teachers in the schools cooperate with you in terms of-

(a) Allotting the classes Yes □ No □
(b) Allotting the time table Yes □ No □
(c) Selection of topics / units Yes □ No □
(d) Managing the students Yes □ No □
(e) Giving extra periods when needed Yes □ No □
(f) Preparation of lesson plan Yes □ No □
(g) Correction of lesson plan Yes □ No □
(h) Providing teaching aids Yes □ No □
(i) Feedback Yes □ No □
(j) Providing lab facility Yes □ No □
(k) Any other

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18. Do you think, you have adequate cooperation from the students in the classes which you taught? Yes ☐ No ☐

18.1. If no, specify the reason?

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19. Mention the problems you faced regarding

19.1. Preparation and use of Teaching Aids

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19.2. Preparation of Lesson Plan

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19.3. Time Table

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19.4. Cooperation from the School

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20. Provide your suggestions to improve the below aspects of practice teaching.

20.1. Preparation and use of Teaching Aids

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20.2. Preparation of Lesson Plan

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20.3. Time Table

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20.4. Cooperation from the School

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21. Do you think 40 days (20-Lesson in each method) practice teaching session is enough for good practice? Yes ☐ No ☐

21. 1. If no, do you feel how many days of practice teaching session will be required?
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Appendix-C

QUESTIONNAIRE FOR TEACHER EDUCATORS OF THE COOPERATING PRACTICE TEACHING SCHOOL

Name of the Teacher Educator : 

Name of the College : 

Name of the District : 

Respected Teacher Educator,

I am a doctoral research scholar at the Centre of Advanced Study in Education, The Maharaja Sayajirao University of Baroda, Vadodara, and Gujarat. The title of research is: “A Study on Practice Teaching Programme in Teacher Education Institutions of Osmania University”. You have been selected as a sample in this study and your cooperation would be very much appreciated and thankful. I would like to assure you that present study adheres to research ethics.

Note: Please put (√) Mark on the appropriate answer and write your response wherever it is necessary.

1. Did you conduct workshop on teaching aids before the commencement of practice teaching?  
   Yes ☐  No ☐

1.1. If yes, what types of teaching aids were included for the orientation?

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2. Did you find any difficulty in the conducting of workshop on teaching aids?

Yes ☐ No ☐

2.1. If yes, specify the reason?

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3. Whether student teachers used teaching aids in their practice teaching session?

Yes ☐ No ☐

3.1. If yes, what types of teaching aids are used by the student teachers?

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4. Did you conduct orientation on Macro Teaching Programme? Yes ☐ No ☐

4.1. If yes, did it help student teachers have a clear idea about the programme in terms of?

(a) Introduction of the lesson Yes ☐ No ☐
(b) Presentation of a lesson Yes ☐ No ☐
(c) Recapitulation of a lesson Yes ☐ No ☐
(d) Home Assignment Yes ☐ No ☐

5. Did you conduct orientation programme with regard to innovative lesson plan?

Yes ☐ No ☐

5.1. If yes, give the example of innovative lesson plans?

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5.2. If no, specify the reason?

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6. Did you find any difficulty in conducting orientation on practice teaching programme? Yes ☐ No ☐

6.1. If yes, specify the reason?

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7. Did you find any difficulty in the conduct of orientation programme on innovative lesson plan? Yes ☐ No ☐

8. Did you give detailed guidelines to student teachers with respect to lesson planning? Yes ☐ No ☐

8.1. If yes, specify the most important guidelines given by you?

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9. Did you follow the university model lesson plan format? Yes ☐ No ☐

9.1. If no, specify the reason?

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10. What are your views regarding the University model lesson planning format that is currently being followed in the college? Give your suggestions, if any?

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11. Did you find innovative lesson plans useful to student teachers?  Yes [ ]  No [ ]

12. Do you suggest innovative lesson plan in practice teaching?  Yes [ ]  No [ ]

12.1. If yes, specify the reason?

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13. Do you give sufficient practice in writing lesson plans during the method classes?  Yes [ ]  No [ ]

14. Do you check lesson plans regularly during practice teaching session?  Yes [ ]  No [ ]

14.1. If yes, what are the common errors are made by the student teachers?

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15. Do you demonstrate macro lesson in the cooperating school?  Yes [ ]  No [ ]

15.1. If yes, how did these demonstration lessons help to student teachers in the practice teaching session?

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_____________________________________________________________________
16. Did Headmaster/Headmistress of the school cooperate with you in terms of-?

(a) Allotting the time table  Yes [ ] No [ ]
(b) Allotting the classes   Yes [ ] No [ ]
(c) Managing the students  Yes [ ] No [ ]
(d) Giving extra periods when needed Yes [ ] No [ ]

17. Whether the Headmaster/Headmistress of the school provided separate staff room for your student teachers? Yes [ ] No [ ]

18. Did the subject teachers in the schools cooperate with you in terms of-?

(a) Allotting the classes Yes [ ] No [ ]
(b) Time table             Yes [ ] No [ ]
(c) Selection of topics / units Yes [ ] No [ ]
(d) Managing the students  Yes [ ] No [ ]
(e) Giving extra periods when needed Yes [ ] No [ ]
(f) Preparation of lesson plan Yes [ ] No [ ]
(g) Correction of lesson plan Yes [ ] No [ ]
(h) Providing of teaching aids Yes [ ] No [ ]
(i) Feedback               Yes [ ] No [ ]
(j) Providing lab facility  Yes [ ] No [ ]

19. Do you think student teachers have adequate cooperation from the Practice teaching school students in the classes? Yes [ ] No [ ]

19.1. If no, specify the reason?
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
20. Mention the problems you faced regarding

20.1. Preparation and use of Teaching Aids

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

20.2. Preparation of Lesson Plan

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_____________________________________________________________________
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20.3. Time Table

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_____________________________________________________________________
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20.4. Cooperation from the School

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21. Provide your suggestions to improve the below aspects of practice teaching

21.1. Preparation and use of Teaching Aids

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
21.2. Preparation of Lesson Plan

________________________________________________________________________

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________________________________________________________________________

21.3. Time Table

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21.4. Cooperation from the School

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22. Do you think 40 days (20-Lesson in each method) practice teaching programme is enough for good practice? Yes [ ] No [ ]

22.1. If no, do you feel how many days of practice teaching programme will be required?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________
### OBSERVATION SCHEDULE FOR STUDENT TEACHERS OF THE COOPERATING PRACTICE TEACHING SCHOOL

<table>
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<th>Name of the Student Teacher</th>
<th>:</th>
<th>Name of the Cooperating School</th>
<th>:</th>
<th>Class / Section</th>
<th>:</th>
<th>Subject</th>
<th>:</th>
<th>Topic</th>
<th>:</th>
<th>Period</th>
<th>:</th>
<th>Date</th>
<th>:</th>
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</table>

#### I. Introduction of a Lesson

1. The student teacher introducing a lesson at the beginning of class?  Yes/No

   If yes, the given introduction appropriate in the context of?

   (a) Testing of Previous Knowledge

   (b) Motivation

   (c) Statement of the Topic
II. Presentation

1. Appropriate use of Teaching Method with reference to Content

2. Class Management

3. Use of Information and Communications Technology (ICT)  Yes/No

4. Teaching Aids used in the class  Yes/No
   If yes, prepared teaching aids in terms of?

5. Type of Teaching Aids used by the Student Teacher

6. Whether the Student Teacher used Black Board? Yes/No
   If yes, the Black Board Work in terms of?

7. Integration of other Topics/Subjects  Yes/No

8. Presentation of Content Clarity
III. Recapitulation

1. Did the student teacher recapitulate a lesson at the end of class?  Yes/No
   If yes, the recapitulation did in terms of?

IV. Home Assignment

1. Did the Student Teacher assign the Home Task to the Students?  Yes/No
   If yes, the assignment work given in terms of?

V. Did the student teacher evaluate the students in each stage of lesson? Yes/No

VI. Did subject teacher is observing the student teacher practice teaching class, while transacting the lesson? Yes/No
   If yes, how much time observed the class?

VII. Did method teacher educator is observing the student teacher practice teaching class, while transacting the lesson? Yes/No
    If yes, how much time observed the class?
Appendix-E

SEMI STRUCTURED INTERVIEW FOR STUDENT TEACHERS OF THE COOPERATING PRACTICE TEACHING SCHOOL

1. What type of instruction was given by your subject teacher before the beginning of practice teaching class?

2. What type of feedback was given by your subject teacher regarding introduction of the lesson?

3. What type of feedback was given by your subject teacher regarding presentation of a lesson?

4. What type of feedback was given by your subject teacher regarding recapitulation of a lesson?

5. What type of feedback was given by your subject teacher regarding home assignment of a lesson?

6. Whether your subject teacher gave feedback while transacting in the class?

7. Whether subject teacher gave you feedback regarding your weaknesses and strengths of your teaching?

8. What type of instruction was given by your method teacher educator before the beginning of your class?

9. What type of feedback was given by your method teacher educator regarding introduction of the lesson?

10. What type of feedback was given by your method teacher educator regarding presentation of a lesson?

- Organization of teaching points

- Appropriate use of teaching skills
- Class management
- Effective use of teaching aids
- Integration of other topics/subjects
- Presentation of content clarity

11. What type of feedback was given by method teacher educator regarding recapitulation of a lesson?

12. What type of feedback was given by your method teacher educator regarding home assignment of a lesson?

13. Whether your method teacher educator gave feedback while transacting in the class?

14. Whether method teacher educator gave you feedback regarding your weaknesses and strengths of your teaching?

15. Did you have feedback session at end of each day during the practice teaching programme?

15.1. If yes, what according to you were a more effective feedback sessions?
   - Individual discussion
   - Group discussions
   - Both (Individual and Group) discussions

16. Did the feedback given by supervisors help you in improving your practice teaching?

17. Specify the problems with regard to feedback session given by supervisors during the practice teaching programme?

18. Give the suggestions with regard to feedback session given by supervisors during the practice teaching programme?
Appendix-F

SEMI STRUCTURED INTERVIEW FOR HEADMASTER/HEADMISTESS OF THE COOPERATING PRACTICE TEACHING SCHOOL

1. Does teacher training college inform you well in advance about practice teaching programme?

1.1. If no, specify the reason?

2. Do the Principal/ Senior faulty of teacher training college have a formal meeting with you before and during practice teaching programme?

3. What are the problems with teacher training college with regard to practice teaching?

4. Do you feel allotment of student teachers to your school is sufficient number in all methods?

4.1. If no, specify the problem?

5. Do you feel allotting of student teachers is more than required number?

5.1. If yes, specify the problem?

6. Whether teacher training college allotted student teachers with equal number of method subjects?

6.1. If no, how does it affect school functioning?

7. What are the difficulties in allotting the classes for student teachers?

8. What are the difficulties in preparing the time-table for student teachers?

9. Do you think that practice teaching programme is organised at the appropriate time of the academic year?
9.1. If no, when it should be organized?

9.2. What are the reasons for your choice of time?

10. Does practice teaching programme cause inconvenience to your school programmes in any way?

10.1. If yes, what measure would you suggest to avoid these problems?

11. What are the difficulties with student teachers with regard to rules and regulation of the school?

12. What are the problems with student teachers to manage cordial relationship with students, teachers and non-teaching staff?

13. What are the problems with student teachers to maintain discipline with students in the school?

14. Whether the student teachers work according to your expectations during practice teaching programme?

14.1. If no, specify the reason?

15. Whether the supervisors have regular interactions with you and your teachers with regard to practice teaching?

15.1 How often?

16. State three most important problems faced by you during practice teaching programme?

17. Give suggestions for the improvement of practice teaching programme?
**Appendix-G**

List of Educational Colleges offering B.Ed. Course under the Jurisdiction of Osmania University for the Academic Year (2012-13)

**I. HYDERABAD – DISTRICT**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the College</th>
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<td>Adam College of Education</td>
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<td>AES College of Education</td>
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<td>3</td>
<td>Anwar Ul-Uloom College of Education</td>
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<td>4</td>
<td>Andhra Mahila Sabha College of Teacher Education</td>
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<td>5</td>
<td>Global College of Education</td>
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<tr>
<td>6</td>
<td>Gulam Ahmed College of Education</td>
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<td>7</td>
<td>Institute of Advanced Study in Education, <strong>Masab Tank</strong></td>
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<tr>
<td>8</td>
<td>Institute of Advanced Study in Education, <strong>OU Campus</strong></td>
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<td>Islamia College of Education</td>
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## II. RANGA REDDY – DISTRICT

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### Appendix-H

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

**CERTIFICATE**

[As per O.Ph.D. 2 under UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009 for 15 Credits to be earned by Ph.D. Scholars]

This is to certify that Mr. Kadem Srinivas, Research Scholar, registered under UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009, vide Registration Certificate Number 148 dated 23/07/2012, for pursuing Ph.D. on has undertaken and completed the course work with the Grade A.

**STATEMENT OF CREDITS EARNED**

Name of Research Scholar: **Mr. Kadem Srinivas (M)**

Faculty/Institution: Faculty of Education & Psychology

Department: Education

<table>
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<td>II.</td>
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<td>V.</td>
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**Overall Grade** A

ACA3/13

Date of Issue: 10/02/2014

Place: Vadodara

Registrar (OSD)
### Grade Conversion Table and Grade Calculation Formula

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<td>C</td>
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Overall Grade = \[ \frac{\sum (\text{Grade Points} \times \text{Credits})}{\sum \text{Credits}} \]
Appendix-I

ISSN : 0972-9844
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India's Foremost Educational Monthly
EDUTRACKS
A Monthly Scanner of Trends in Education
Vol. 12 No. 12

August 2013

PRE-SERVICE TEACHER EDN
TEAM TEACHING

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PROACTIVE METHODOLOGY

EMPOWERING TEACHER EDN
ELEMENTARY TEACHERS

HOLISTIC APPROACH
ORGANIZATIONAL STRESS

MATHEMATICS CURRICULUM
ACHIEVEMENT IN PHYSICS

PSYCHOLOGY OF LEARNING
AUDIOVISUAL EFFECTS

INCLUSIVE EDUCATION
STUDY HABITS OF

TEACHER COMPETENCIES
DEGREE STUDENTS

AWARENESS LEVELS OF
RURAL DEVELOPMENT

Vande Mataram
Vande Mataram
Vande Mataram
Articles

03.. Relevance of Practice-Teaching in Pre-service Teacher Education at Secondary Level
   Kemlem Srinivas, Prof. R.G. Kothari

12.. Holistic Approach to Empowering Teacher Education
   Dr. S.K. Mangal, Dr. Shubhra Mangal

15.. Mathematics Curriculum and the Psychology of Learning
   Prof. Marlow Ediger

17.. Teacher Competencies Needed for Inclusive Education
   Dr. Koteswaraswamy Surapramath

19.. Team Teaching: A Proactive Methodology
   Dr. M. Sakku Bhavya, M. Ravi Babu

Research

24.. Organizational Role Stress among Elementary Teachers in Relation to Gender
   Dr. Supreet Kaur, Ruchi Sachdeva

32.. Effect of Audiovisual Aids on Achievement in Physics in Relation to Creativity
   Dr. Ram Mehar, Vipin Kumar

36.. Study Habits of Second Year Degree Students in Krishna District
   Dr. D. Hassan, K.K.D. Surekha

40.. Awareness Level among Rural People of Kot Bhaval Block about Rural Development Schemes
   Dr. Ari Durani

46.. Health Track

48.. News Track