

## NAAC Format for Presentation of Best Practices

**Department : University Institute of Engineering & Technology**

<p><b>1. Title of the Practice</b> This title should capture the keywords that describe the practice.</p>	<p>Eakadimik, Panjab University Chandigarh.  <a href="http://uwp.puchd.ac.in">http://uwp.puchd.ac.in</a></p>
<p><b>2. Duration (year of inception-year of discontinuation)</b> What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>Year of inception :2008 Yes, this practice still continuing</p>
<p><b>3. Objectives of the Practice</b> What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<ol style="list-style-type: none"> <li>1. To build this application program to reduce the manual work for managing the result and attendance.</li> <li>2. To speed up and make process easy.</li> <li>3. To go with computerized system, instead of old-fashioned manual process.</li> <li>4. To provide summarized attendance report very quickly at any point of time.</li> </ol>
<p><b>4. The Context</b> What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<ol style="list-style-type: none"> <li>1. Easy management of system managed by System Administrator to add/update/delete various data for faculty registration, student details, courses, etc.</li> <li>2. Provides secure login with proper authentication using username/password</li> <li>3. Provides the searching facilities based on various factors. Such as Result, Student, Course, Exam</li> <li>4. It tracks all the information of Attendance, Result, Course etc</li> <li>5. Shows the information and description of the Result, Student</li> <li>6. All the fields such as Result, Student, Exam are validated and does not take invalid values</li> <li>7. It generates the report on Result, Attendance, Student, Course, Exam</li> <li>8. You can easily export PDF/excel for Result, Attendance, Student, Course, Exam</li> <li>9. To increase efficiency of managing the Result, Attendance</li> <li>10. Manage the information of Result Editing, adding and updating of Records</li> </ol>

	<p>is improved which results in proper resource management of Result data.</p> <ol style="list-style-type: none"> <li>11. Integration of all records of Exam with University Result System.</li> <li>12. It has better GUI for easy navigation and control flow of information</li> </ol>
<p><b>5. The Practice</b> Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?</p>	<p>This system is user friendly with better GUI for easy navigation between pages. All stakeholders including Faculty &amp; students can easily access the system. Faculty can use the system in very secure manner to add/update the marks and attendance of students as per convenience from work place as well as from home. Students can view their results and attendance accordingly.</p>
<p><b>6. Evidence of Success</b> Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.</p>	<ul style="list-style-type: none"> <li>- Students and their parents can view the result and attendance of their ward and can evaluate their performance in academics.</li> <li>- This system easily helps management to analyze student's attendance/result details as per requirement.</li> </ul>
<p><b>7. Problems Encountered and Resources Required</b> Please identify the problems encountered and resources required to implement the practice (in about 150 words).</p>	<ul style="list-style-type: none"> <li>- Large server for computation of result data</li> <li>- Large storage space with backup facility</li> <li>- Internet/intranet connection</li> <li>- 24 hours air conditioning and power backup</li> </ul>
<p><b>8. Notes (Optional)</b> Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words).</p>	

## NAAC Format for Presentation of Best Practices

### Department: Gandhian and Peace Studies

<p><b>1. Title of the Practice</b> This title should capture the keywords that describe the practice.</p>	<p>“Online Global Classes”, part of MoU</p>
<p><b>2. Duration (year of inception-year of discontinuation)</b> What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>11/12/2014 to 10/12/2017, discontinued from Academic Session 2017-18 as MoU was not revised. The meeting for new MoU is due in the month of March, 2020.</p>
<p><b>3. Objectives of the Practice</b> What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<ul style="list-style-type: none"> <li>• Joint periodic evaluation of the students</li> <li>• Online classes for both side students and on specific topics.</li> <li>• Faculty exchange programme for both sides</li> <li>• Exchange of students from both sides, One of our student Ms. Jony Ranta was awarded PDF for two years in USA.</li> </ul>
<p><b>4. The Context</b> What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<p>As the contents were totally online, internet was a challenge because of proxy server as at times the video quality and contents were not visible for both sides. Secondly because of day and night difference and climate, at times classes upto late night were held which at times leads to security concerns.</p>
<p><b>5. The Practice</b> Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?</p>	<p>As this is a unique way of exchanging the view points and information at International level but at times because of internet and climatic conditions it leads to drop fall, but the overall interaction was very good. Secondly because of space only a limited number of students can be enrolled for the class which further filters the quality of participation. Thirdly, as direct interaction is there, new concepts can be taken up at the same time.</p>
<p><b>6. Evidence of Success</b> Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.</p>	<p>One student from India (from our own department) was awarded PDF for two years, which helped her to carry the further research and also attracted more students to start such practices for the empirical research. And around 25 students visited our University from USA under exchange programme.</p>
<p><b>7. Problems Encountered and Resources Required</b> Please identify the problems encountered and resources required to implement the practice (in about 150 words).</p>	<p>Technical: It requires technical experts and technical equipment and persons who deal with internet because of proxy server. Financial problem: Finance is required for purchase of equipments and other required material which are quite expensive and not in our reach. Equipments: As the specific equipments are required, which change with the advancement of time and research, and both sides should have the same equipments which is quite difficult as USA is very advanced country and we are still developing in many ways.</p>
<p><b>8. Notes (Optional)</b> Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words).</p>	<p>It helps in bringing new concepts in the Syllabus and academics as well as in the thoughts of both sides. Exchange of ideas internationally. More emphasis on smart rooms with capacity of accommodating large number of participants. More involvement of students which can further improves their outlook and can help them in getting smart jobs.</p>

## NAAC Format for Presentation of Best Practices

### Department: Microbiology

<b>1. Practice</b> This title should capture the keywords that describe the practice.	<b>Title of the</b>
	<ol style="list-style-type: none"><li data-bbox="829 317 1411 520">1. <b><u>Summer Internship Programme</u></b> The department organizes summer internship programme for the UG/PG students of University Institutes and affiliated Colleges for academic and professional skill enhancement.</li><li data-bbox="829 552 1411 1052">2. <b><u>Course on Current &amp; Advanced Topic of Microbiology</u></b> The department has introduced a course in M. Sc. 3<sup>rd</sup> Semester based on advances on current thrust area of research in which students are given the advanced topics on different aspects of Microbiology. Students present the topic in seminar and exhaustive discussion is carried out on the topic. This enriches the students with the current knowledge of upcoming scientific research. It also helps the students in selecting the topic of research for Ph.D and also helps them in developing deducive Reasoning ability, and analytical mind.</li><li data-bbox="829 1083 1411 1352">3. <b><u>Industrial Training Programme</u></b> <b>The Department sends the students of M.Sc. 3<sup>rd</sup> semester for industrial training for a month or six weeks during summer (June-July/August) to develop among them the professional zeal, industrial work culture, time management skills and independent research capability.</b></li><li data-bbox="829 1383 1411 1652">4. <b><u>Routine Organization of ‘Swachhta Abhiyan’</u></b> Department under its ‘Swachhta Abhiyan’ organizes once in a week, cleaning program in which all the faculty and student participates and clean their respective rooms, classes, laboratories and common areas of the department.</li><li data-bbox="829 1684 1411 1885">5. <b><u>Routine Organization of ‘Outreach programmes’</u></b> Department under its ‘Outreach programmes’ regularly conduct/organizes a programme in which different faculty members go to nearby schools, colonies etc</li></ol>

	<p>and educate them on various social aspect including personal hygiene, Water conservation, education of children etc.</p> <p><b>6. <u>Organization of Cultural &amp; Sports events and Celebration of Festivals</u></b>  Department organizes and celebrate various festivals, cultural programs, sports events, quiz competitions, etc to sensitize the student toward sensitize the importance of these programs in their life.</p>
<p><b>2. Duration (year of inception-year of discontinuation)</b>  What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>Programme no. 1 Since 2003  Programme no. 2 It has been a part of MSc. Curriculum.  Programme no. 3 It has been a part of MSc. Curriculum.  Programme no. 4 Since 2017  Programme no. 5 Since 2016  Programme no. 6 Since Department came into existence (1964)</p>
<p><b>3. Objectives of the Practice</b>  What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<p>Programme no. 1: To develop academic and professional skills among students of Panjab University Institutes and affiliated Colleges.</p> <p>Programme no. 2: This enriches the students with the current knowledge of upcoming scientific research. It also helps the students in selecting the topic of research for Ph.D and also helps them in developing deducive Reasoning ability, and analytical mind.</p> <p>Programme no. 3: To develop among students the professional zeal, industrial work culture, time management skills and independent research capability.</p> <p>Programme no. 4: To create awareness among students towards personal hygiene and cleanliness of our surroundings.</p> <p>Programme no. 5: To educate various stakeholders on various social aspect including personal hygiene, Water conservation, education of children etc.</p> <p>Programme no. 6 to sensitize the student toward sensitize the importance of these programs in their life.</p>
<p><b>4. The Context</b>  What were the contextual features or challenging</p>	<p>The main challenging issues that needed to be</p>

<p>issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<p>addressed in designing and implementing this practice was to update, upgrade our students with these programs as by practicing these in life will ultimately leads to the overall personality development of students including social and professional life, secondly, it will lead to development of practical knowledge of students, thirdly, these practices will also establish the Panjab University as top and idle institution.</p>
<p><b>5. The Practice</b> Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?</p>	<p>These practices will certainly enhance skill development of our students, improve their theoretical and practical knowledge and will also help them to become a good citizens of India with enriched values of our culture.</p>
<p><b>6. Evidence of Success</b> Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.</p>	<p>Programme no. 1: every year the department receives a large number of applications which itself proves the quality of this programme.</p> <p>Programme no. 2: Due to this very course every year a good number of our students clear/pass various competitive exams like UGC-CSIR NET as JRF and for Lecturership etc. Many students get enrolled themselves for pursuing Doctoral degree (PhD) and others get the teaching jobs in our department, other related departments, affiliated colleges of our university and in other state, national and international academic and research institutes.</p> <p>Programme no. 3 Every year a good number of our students get jobs in industries and they perform very well there.</p> <p>Programme no. 5-6: These programmes have benefitted respective stakeholders remarkably.</p>
<p><b>7. Problems Encountered and Resources Required</b> Please identify the problems encountered and resources required to implement the practice (in about 150 words).</p>	<p>We face problems of funds, infrastructure, certain equipments, and manpower in running or implementing some of the above mentioned programmes.</p>
<p><b>8. Notes (Optional)</b> Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words).</p>	<p>Nil</p>

## NAAC Format for Presentation of Best Practices

**Department: University School of Open Learning**

<p><b>1. Title of the Practice</b> This title should capture the key words that describe the practice.</p>	<p><b>HUNAR (A Cultural Fest)</b></p>
<p><b>2. Duration (year of inception-year of discontinuation)</b> What is year of inception? Is the practice still continuing? If not, what is the year of discontinuation?</p>	<p>March, 2016  Yes</p>
<p><b>3. Objectives of the Practice</b> What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?</p>	<p>To provide a unique platform to distance learners for sharing and honing their talents.</p>
<p><b>4. The Context</b> What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?</p>	<p>To provide a common platform for distance learners who are physically located at far-flung areas of the region, was a big challenge. It gave them a forum to interact with their fellow beings and opportunity to showcase their talent.</p>
<p><b>5. The Practice</b> Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?</p>	<p>In higher education in India, there is a sharp divide between formal and informal streams. Unlike their counterparts in the formal system, students in the informal mode usually stand deprived of such opportunities essential for their overall development.</p>
<p><b>6. Evidence of Success</b> Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.</p>	<p>A huge number of students actively and enthusiastically participated in the event which included such items as poetry-recitation, declamation, rangoli, poster-making etc.</p>
<p><b>7. Problems Encountered and Resources Required</b> Please identify the problems encountered and resources required to implement the practice (in about 150 words).</p>	<p>Since students came from the far-off places and that too in a huge number, arranging accommodation was an issue.</p>
<p><b>8. Notes (Optional)</b> Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words).</p>	<p>It will be good if other institutions of Distance Learning may initiate this practice.</p>