Chapter –IX

Future Scope

The Expert System designed for quality assessment and enhancement is limited to only higher educational Institutes this can also be applied to secondary educational Institutes with modifications in quality parameters. The expert system can be designed using fuzzy logic to get more precisions in CGPA calculation. Expert System can also be modified by taking other accrediting bodies quality parameters like NBA, ISO and rewritten to evaluate the quality at higher educational Institutes. Quality parameters globally accepted by particular course can also be incorporated in the system in future.
(Questionnaire)

Expert’s View

“A Role of Expert System in Quality Assessment and Enhancement with Respect to Higher Education”

Dear Respondents

Please permit me to take your precious moments as a research scholar for the degree – Doctor of Philosophy (Ph.D.) with a request to get your knowledgeable opinion on the questions enlisted as under:-

Kindly give your honest opinion about following questions. We have proposed to develop A Expert System for Quality Assessment and Enhancement with respect to Institutes in Higher education based on your expert opinion and knowledge.

Name of the Expert: ________________________________

Address: _______________________________________

Affiliated to: ____________________________________

a) Name of the Organization/ Institute/College :- _____________________

b) Designation: __________________ Qualification:-

c) Contact No.:

d) E-mail: ________________________________
Q1) How do you order the following accrediting agencies in India as per their Reliability and integrity?

a) NAAC  b) NBA  d) ISO

1) -------  
2) -------  
3) -------

Q.2) Do you think there is a role of advanced Computer Systems like Expert System in quality assessment and enhancement in higher educational Institutes.

a) To a large extent
b) To a small extent
c) Can’t Say

Q.3) Do you think there is awareness among stakeholders related to quality in Higher educational Institutes.

a) To a large extent
b) To a small extent
c) Can’t Say

Q. 4) As per your opinion; are the Institutes aware of accreditation process and Voluntarily going for accreditation?

a) Yes  b) No

If No

State the Reasons

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Q.5) Do you think the parameters for quality assessment used by all accrediting
Agencies are equivalent and align with each other.

a) 100 % Similar
b) 75 % Similar
c) 50 % Similar
d) No relation with each others parameters

Q. 6) Does the grade system indicate quality of the Institutes?

a) Yes  b) No

Q. 7) The Seven point Criteria suggested by NAAC is as given below. Do you
think they are enough to check the quality of the Institute?

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Curricular Aspect</td>
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<tr>
<td>2</td>
<td>Teaching Learning and Evaluation</td>
</tr>
<tr>
<td>3</td>
<td>Research Consultancy and Extension</td>
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<tr>
<td>4</td>
<td>Infrastructure and Learning Resources</td>
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<tr>
<td>5</td>
<td>Student Support and Progression</td>
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<tr>
<td>6</td>
<td>Governance and Leadership</td>
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<tr>
<td>7</td>
<td>Innovative Practices</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

a) Yes
b) No I think following New criteria can be added
Q. 8) Following is the weightage /marking scheme used by NAAC. Do you feel it is good or you would change the marks as per importance of Criteria and weight ages?

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Criteria</th>
<th>University</th>
<th>Autonomous College</th>
<th>Affiliated/Constituent College</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Curricular Aspect</td>
<td>150</td>
<td>100</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Teaching Learning and Evaluation</td>
<td>250</td>
<td>350</td>
<td>450</td>
</tr>
<tr>
<td>3</td>
<td>Research Consultancy and Extension</td>
<td>200</td>
<td>150</td>
<td>100</td>
</tr>
<tr>
<td>4</td>
<td>Infrastructure and Learning Resources</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>5</td>
<td>Student Support and Progression</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>6</td>
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<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
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<td>Innovative Practices</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
</tbody>
</table>

a) Yes above weight age is perfect

b) No, I would give following weight ages to the criteria.
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Criteria</th>
<th>Weight ages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>University</td>
</tr>
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<tr>
<td></td>
<td>Total</td>
<td>1000</td>
</tr>
</tbody>
</table>

Q. 9) Do you think that weightage / marks for the criteria are justifiable for the Institute?

   a) To a large extent
   b) To a small extent
   c) Can’t Say
Q. 10) Do you feel that there must be surprise and unknown committee visit of Peer team during the accreditation process?

   a) Yes
   b) No

Q. 11) Rate the relative importance on the following quality factors of Accreditation used by NAAC.

<table>
<thead>
<tr>
<th>Most</th>
<th>More</th>
<th>Neutral</th>
<th>Less</th>
<th>Least</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

a) Curricular Aspect
b) Teaching Learning and Evaluation
c) Research Consultancy and Extension
d) Infrastructure and Learning Resources
e) Student Support and Progression
f) Governance and Leadership
g) Innovative Practices

Q. 12) Do you think that the following factors are responsible for the Accreditation of Institutes/Colleges?

✓ (Please Tick as your choices)
a) It is Mandatory
b) Moving with the Global Trend
c) For Improving the Performance
d) For Financial Incentives
e) For Career Development and Counselling

f) Any Other Please Specify

Q. 13) Do you think that the questions for the urban area colleges and rural area Colleges be same?

a) Yes

b) No

If No What Changes would you like to suggest?

Q. 14) Whether the accreditation process has increased the non academic work Of the faculty?

a) Yes

b) No effect on work.

Q. 15) What Quality Improvement Programs would you suggest for Institutes to minimize the efforts of the faculty and administrative staff during accreditation process?

a) Conduct special Faculty Development Programme
b) Depute Faculty for various accreditation activities
c) Encourage about quality policy to all stakeholders

Q. 16) Whether accreditation helps to tackle the problems like Admissions, Curriculum Design, Improving the Quality of education and Placement.

a) Yes b) No
Q. 17) How do you look at Peer Review Committee during accreditation Process?

✓ (Please Tick as your choices)

a) Members are expert’s form their areas and they give proper justice to their task.

b) Some times Members are from different field.

c) Members have very short time to evaluate the Institutes.

Q.18) Do you feel accreditation at times can prove to be healthy for our Institutes?

a) Always

b) Sometimes

c) Never

Q.19) Do you think Institutes should follow the Quality parameters of NAAC as a System throughout the year?

a) Yes

b) No

Q.20) What should be the frequency of Monitoring Performance as per your Opinion?

a) Quarterly

b) Half yearly

c) Yearly
Q. 21) Do you think accreditation has effect on Admissions of our Institutes?
   a) Admissions are increased.
   b) Admissions are decreased.
   c) No effect on admissions.

Q. 22) Whether the Stakeholders have taken the note of our accreditation.
   a) Very Much
   b) Few Cases
   c) Can’t Say

Q. 23) Do you think that NAAC Accreditation is really a Quality Enhancement Measure?
   a) Very much
   b) Few Cases
   c) No effect on quality of Institutes

Q. 24) What are your suggestions for Quality Assessment and Enhancement in Higher Educational Institutes in India ?
   a)--------------------------------------------------------------------------------------------
   b)--------------------------------------------------------------------------------------------
   c)--------------------------------------------------------------------------------------------

Name of the Expert and Sign

Thank You Very Much Sir!!

Mr. Anil T. Gaikwad         Dr. R. V. Kulkarni
Research Student            Research Guide
Publications in International and National Journals and Conference attended related with the selected topic by the Researcher under the guidance of Dr. R. V. Kulkarni during the study period.

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<th>Title of the Research Paper</th>
<th>Name of the Journal</th>
<th>Volume /Issue no. Page No.</th>
<th>Impact Factor</th>
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