

Outcomes

- RAF in a nutshell
- Key Indicators of Criterion 3
- Metric wise analysis:



Requirements as per SoP

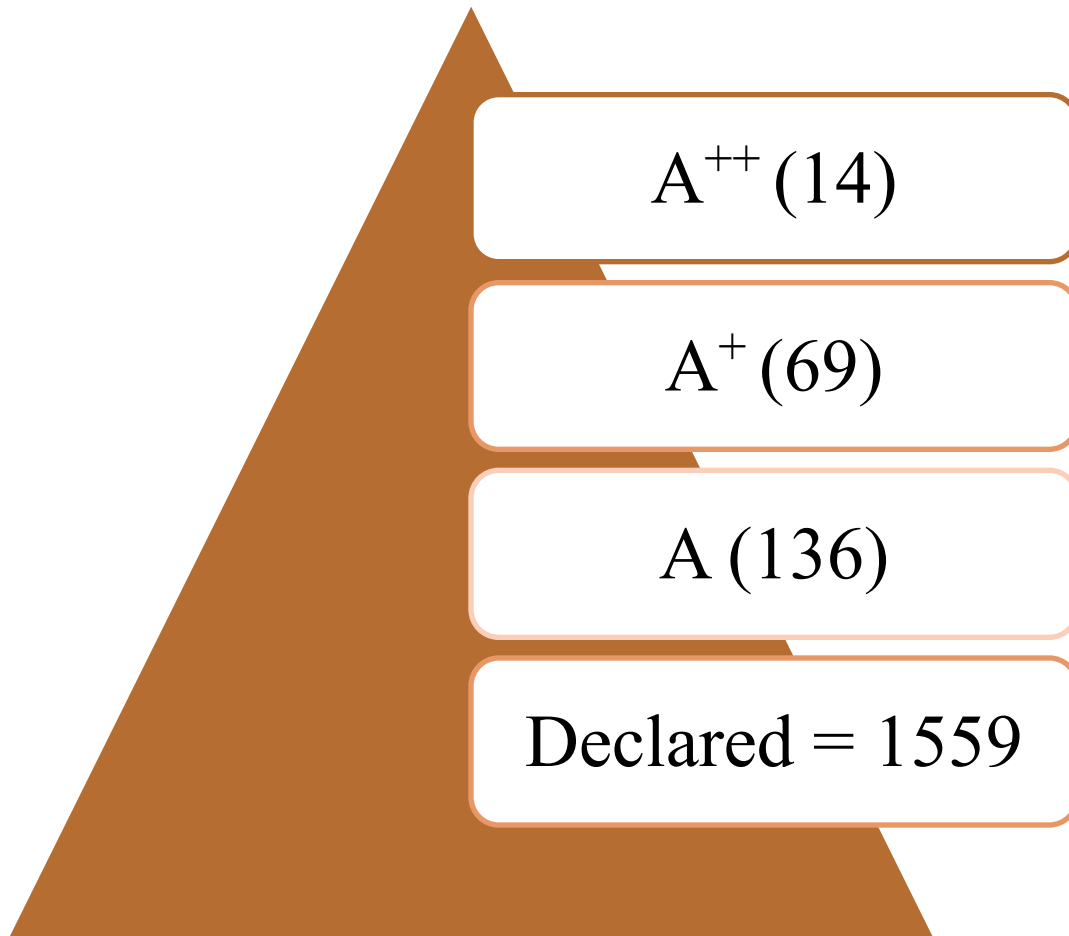
Documentation to be maintained

Dos and Don'ts

Scope for quality improvement (Criterion 6) and Best Practices

Preparation for PTV in the context of QIm

RAF of NAAC: Status* and Opportunity



A and Above 15%

To prove our credentials

To improve ourselves

- **Pune University (grabbed > 100 Cr grants)**
- **Paramarsh scheme**

* Up to 8 April 2020

RAF in nut shell

Type of HEIs	Universities	Autonomous Colleges	UG	PG
Criteria	7	7	7	7
Key Indicators (KIs)	34	34	31	32
Qualitative Metrics (Q₁M)	36	35	35	36
Quantitative Metrics (Q_nM)	79	72	58	60
Total Metrics (Q₁M + Q_nM)	115	107	93	96



Criterion III Research, Innovation and Extension

Key Indicator

UG PG

1.Resource Mobilization for Research 15 15

2.Innovation Ecosystem NA 10

3.Research Publications and Awards 15 25

4.Extension Activities 60 50

5. Collaborations 20 20 Total

110120

Policies, practices and outcomes

Research
culture

Extension
Services

Linkage and
Collaboartion

Our Score sheet

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point (CrWGP _i)	Criterion-wise Grade Point Averages (CrWGP _i / W_i)
1	Curricular Aspects	100	315	3.15
2	Teaching-learning and Evaluation	330	902	2.73
3	Research, Innovations and Extension	120	451	3.76
4	Infrastructure and Learning Resources	100	295	2.95
5	Student Support and Progression	110	399	3.63
6	Governance, Leadership and Management	94	261	2.78
7	Institutional Values and Best Practices	100	311	3.11
Total		$\sum_{i=1}^7 (W_i) = 954$	$\sum_{i=1}^7 (CrWGP_i) = 2934$	3.08

Criterion 3: Research, Innovations and Extension

3.1	Resource Mobilization for Research	10	40
3.2	Innovation Ecosystem	10	35
3.3	Research Publications and Awards	20	76
3.4	Extension Activities	60	220
3.5	Collaboration	20	80
Total		$\sum W_3 = 120$	$\sum (KIWGP)_3 = 451$

$$\text{Calculated CrGPA}_3 = \sum (KIWGP)_3 / \sum W_3 = 451 / 120 = 3.76$$

3.1 Resource Mobilization for Research

15

U
G

- Grants and number of departments undertaking research projects
- **Number of Seminar Conferences organized**

P
G

- Grants and number of departments undertaking research projects
- **Number of Recognized Research Guide**

3.1 Resource Mobilization for Research (PG)

3.1.1 (QnM)	Grants for research projects sponsored by the government and non government sources such as industry, corporate houses, international bodies, endowment, Chairs in the institution during the last five years(INR in Lakhs)	05
3.1.3 (QnM)	<i>Percentage of departments having Research projects funded by government and non government agencies during the last five years</i>	05

3.1 .1 and 3.1.3 (PG) 3.1.2 (UG)

- Name of PI
- Duration of project
- Name of the project
- Amount / Fund received
- Name of funding agency
- Year of sanction
- Department of recipient

Dos

- **E-copies of the grant award letters for research projects , travel grants, Endowments etc**
- **The duration of the grant period should align with the assessment period**

Don'ts

- **Grants given by their own trust / sister institutions**
- **Grants for Equipments / software / skill development centres**

3.1.2 (PG college)

Percentage of teachers recognized as research guides latest completed AY

05

- ✓ **E-copies of letters from the University**
- ✓ **Only teachers of the Institution served during the assessment period**
- X Teachers from other institute guiding at your center**

Data sheet is linked with 2.4.2 and 3.3.1

3.1.3 (UG college)

Number of seminars/conferences/ workshops conducted by the institution during the last five years

05

Year	Name of the workshop/ seminar	Number of Participants	Date From – To	Link to the Activity report on the website

- Detailed report for each program.
- Brochure/Photograph with date and captions; title of the workshops / seminars conducted.
- Attendance and certificates of the participants of the randomly selected event.

Quality Measures for KI 3.1

Share information about funding agencies

Conduct college level workshop (Crit VI)

Encourage teachers to undertake project

Explore possibility to get support from local industries.

Encourage teachers to get recognition as PhD Supervisor

Planner to organized conferences

Target: One project/ two teachers or one department

UGC, DST (SERB), CSIR etc

Languages and Literature

British Council India

Regional English Language Office
(RELO) , US Embassy, India

English & Foreign Languages
University, Hyderabad

Goethe Institute Pune

Central Institute of Indian Languages

Dakshina Bharat Hindi Prachar Sabha,
Thyagarayanagar, Chennai-600 017.

Sahitya Akademi

Bharatva Jnanpith

Social Sciences

Tata Institute of Social Sciences

Indian Council of Social Science
Research (ICSSR)

Indian Council for Cultural Relations

The National Archives of India

The Nehru Memorial Museum & Library
(NMML)

Faculty of Commerce

The Confederation of Indian Industry
(CII)

Federation of Indian Chambers of
Commerce and Industry

Forum of Free Enterprise

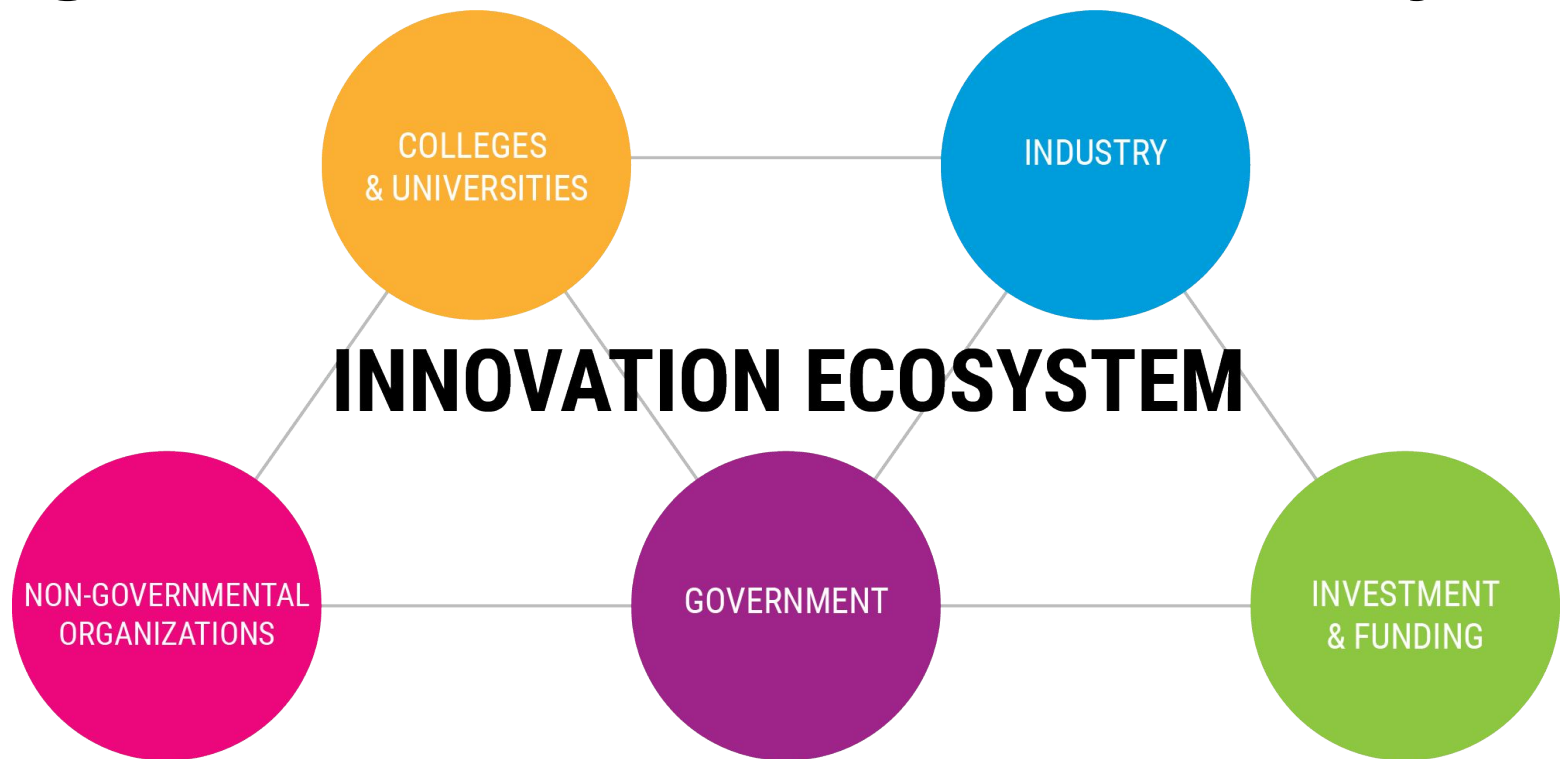
3.2 Innovation Ecosystem (PG)

10

3.2.1 (QIM)	Institution has created an ecosystem for innovations including Incubation centre and other initiatives for creation and transfer of knowledge
3.2.2 (QnM)	<i>Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years</i>

3.2 Innovation Ecosystem (PG)

It is the term used to describe the large and diverse array of participants and resources that contribute to and are necessary for ongoing innovation in a modern economy.



Quality Measures for IE

Ideate



Ideation workshop

What is
Intellectual
Property?

IPR workshops

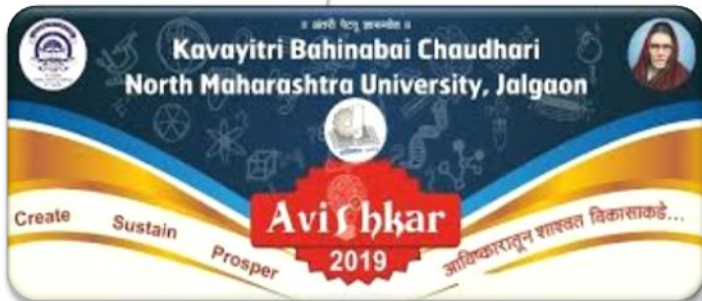
Individual
Counseling

Personal counseling

Quality Measures for IE



Financial assistance



Proposal at district/ university etc.



Collaboration

3.2.1 Innovation Ecosystem



- Atal Community Innovation Center (ACIC)
- Unnat Bharat Abhiyan

3.2.2 Workshops/ seminars on IPR

Year	Name of the workshop/ seminar	Number of Participant s	Date From – To	Link to the Activity report on the website
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IPR workshops

Industry –Academia interaction / entrepreneurship to be added

Research Methodology

**Rajiv Gandhi National Institute of Intellectual
Property Management Nagpur**

<http://www.ipindia.nic.in/rgniipm.htm>

3.2 Research Publication and Awards (UG)

It is 3.3.1 and 3.3.2 for PG



3.2.1 (QnM)	<i>Number of papers published per teacher in the Journals notified on UGC website during the last five years</i>	05
3.2.2 (QnM)	<i>Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years</i>	10

3.3 Research Publication and Awards (PG)

3.3.1 (QnM)	<i>Number of Ph.Ds registered per eligible teacher during the last five years</i>	05
3.3.2 (QnM)	<i>Number of research papers per teachers in the Journals notified on UGC website during the last five years</i>	10
3.3.3 (QnM)	<i>Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years</i>	10

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years


- URL to the research page on HEI web site (https://gsck.ac.in/Gsckpro/list_of_phd_warded_working_students.jsp)
- Document of registration of the research scholar indicating the guide's name from the university.

Data Sheet 2.4.2, 3.1.2 and 3.3.1


Encourage teachers to get recognition as PhD Supervisor

Screen Shot of the webpage

← → ↻ https://gsck.ac.in/Gsckpro/list_of_phd_awarded_working_students.jsp



Vidarbha Shikshan Prasarak Mandal's
G. S. Science, Arts and Commerce College, Khamgaon
Affiliated to Sant Gadge Baba Amravati University, Amravati
Listed u/s 2 (f) and 12 (B) Of the UGC Act
Reaccredited by NAAC with A grade (CGPA 3.08)



College Code: 301

Home About Us Administration Academics Admission Facilities Activities NAAC T & P Alumni Research Feedback Contact Us

List of PhD awarded/working Students during the last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Date of registration of the scholar	Date of award of PhD
Mr. G.D. Tambatkar	Chemistry	Dr.Y. K.Meshram	Studies in heterocyclic and nonheterocyclic drugs and their physical character by analytical method	15.07.2008	11.07.2013
Mr. J. T. Ingle	Physics	Dr. R. P. Sonekar	Synthesis and Characterization of Some Inorganic PDP phosphors	15.01.2011	09.04.2015
Mr. Atul B. Gawande	Physics	Dr. R. P. Sonekar	Synthesis and Photoluminescence Study of Some UV Emitting Borate Phosphors	15.01.2012	09.04.2015
Ku. J. V. Phirke	Chemistry	Dr. Y. K.Meshram	Microwave assisted synthetic studies of pyrazolines nad pyrazoles	15.01.2011	27.01.2017
Mr. Ritesh S. Paiaspagar	Physics	Dr. R. P. Sonekar	Synthesis and luminescence study of alumino-borate host Phosphors	15.07.2012	13.02.2017

3.3.2(PG) and 3.2.1(UG)

Number of research papers in the Journals notified on UGC website

List of research papers by title, author, department, name and year of publication (Data Template)

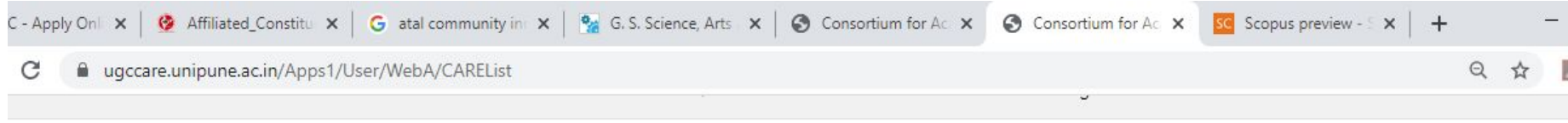
Link to UGC enlistment: For eg

<https://www.scopus.com/sourceid/21100850505>

Incomplete entries will not be considered

Only UGC-CARE approved Journals <https://ugc.ac.in/journallist/>

[UGC Approved List of Journals has been replaced by UGC-CARE list w.e.f. 14.06.2019](#)



UGC-CARE List

UGC-CARE List Group I

Journals found qualified through UGC-CARE protocols.

[Search](#)

Alert

UGC-Cell for Journal Analysis, Centre for Publication Ethics (CPE) at Savitribai Phule Pune University (SPPU), Pune, has been notified of cloned and online versions of print-only, authentic Journals on its UGC-CARE List. The ISSN, title, logo etc have been cloned. Scholars are cautioned against such cloned versions of Journals on the UGC-CARE List, and are requested to verify with the CPE whenever they are in doubt about the veracity of any Journal. We also request that news of such cloned Journals be reported to the CPE at the earliest.

UGC, UGC-CARE and CPE bear no responsibility for consequences that may arise from researchers publishing in cloned journals.

Journals found to be involved in unethical practices will be removed immediately.

UGC-CARE List Group II

Journals indexed in globally recognised databases.

These journals are part of UGC-CARE List as Group II and searchable through following links.

Web of Science

1. [Arts & Humanities Citation Index.](#)
2. [Science Citation Index Expanded.](#)
3. [Social Sciences Citation Index.](#)

Note

No further analysis of these journals will be done by the UGC Cell and all such journals are included in the UGC-CARE List.

Scopus

1. [Scopus Source List](#)

Note

UGC-CARE has received complaints about several journals which are not following the standard publishing practices. After scrutinizing these journals in accordance with UGC-CARE protocols, UGC has decided to remove these journals from Group II of the UGC-CARE List. Please note that any publication in these journals will not be considered for any academic purposes.

[List of journals removed from the Group II indexed in Scopus database](#)

MLA

Note

Those journals from the Directory of Periodicals by the Modern Language Association that have qualified in accordance with UGC-CARE protocols are included in UGC-CARE Group II. Please note that many MLA journals are already indexed in Scopus/ Web of Knowledge databases, and these have not been separately analysed.

[Directory of Periodicals by the Modern Language Association](#)

Note

The journals which are discontinued/ inactive from above databases will not find a place in Group II of the UGC-CARE List.

3.3.3 (PG) and 3.2.2 (UG) Books, chapters and Proceedings

- Name of the teacher: Title of the paper
- Title of the book published: Name of the author/s
- Title of the proceedings of the conference
- Name of the publisher: National/International
- National/international : ISBN/ISSN number of the proceedings
- Year of publication



E-copies of Cover, index page and papers published

Should contain unique ISBN

Quality measures for KI 3.3

Teachers

Google Scholar profiles and
Bibliometrics

Financial Assistance for attending
conferences

Sources of funding and Collaboration

Ethics in Publishing

Research award at college level
(to encourage research output)

Record Keeping of Research Profile

Students

Summer Research

INSPIRE/KVPY

JAM

**Target: One
paper/ teacher/
year**

3.4 Extension Activities (PG) 50

3.4.1 (QIM)	Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development during the last five years	05
3.4.2 (QnM)	Number of awards and recognitions received for extension activities from government/ recognised bodies during the last five years	10
3.4.3 (QnM)	<i>Number of extension and outreach Programmes conducted by the institution through NSS/ NCC/ Red Cross/ YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc.)and/or those organised in collaboration with industry, community and NGOs during the last five years</i>	15
3.4.4 (QnM)	<i>Average percentage of students participating in extension activities at 3.4.3. above during last five years</i>	20

3.3 Extension Activities (UG) 60

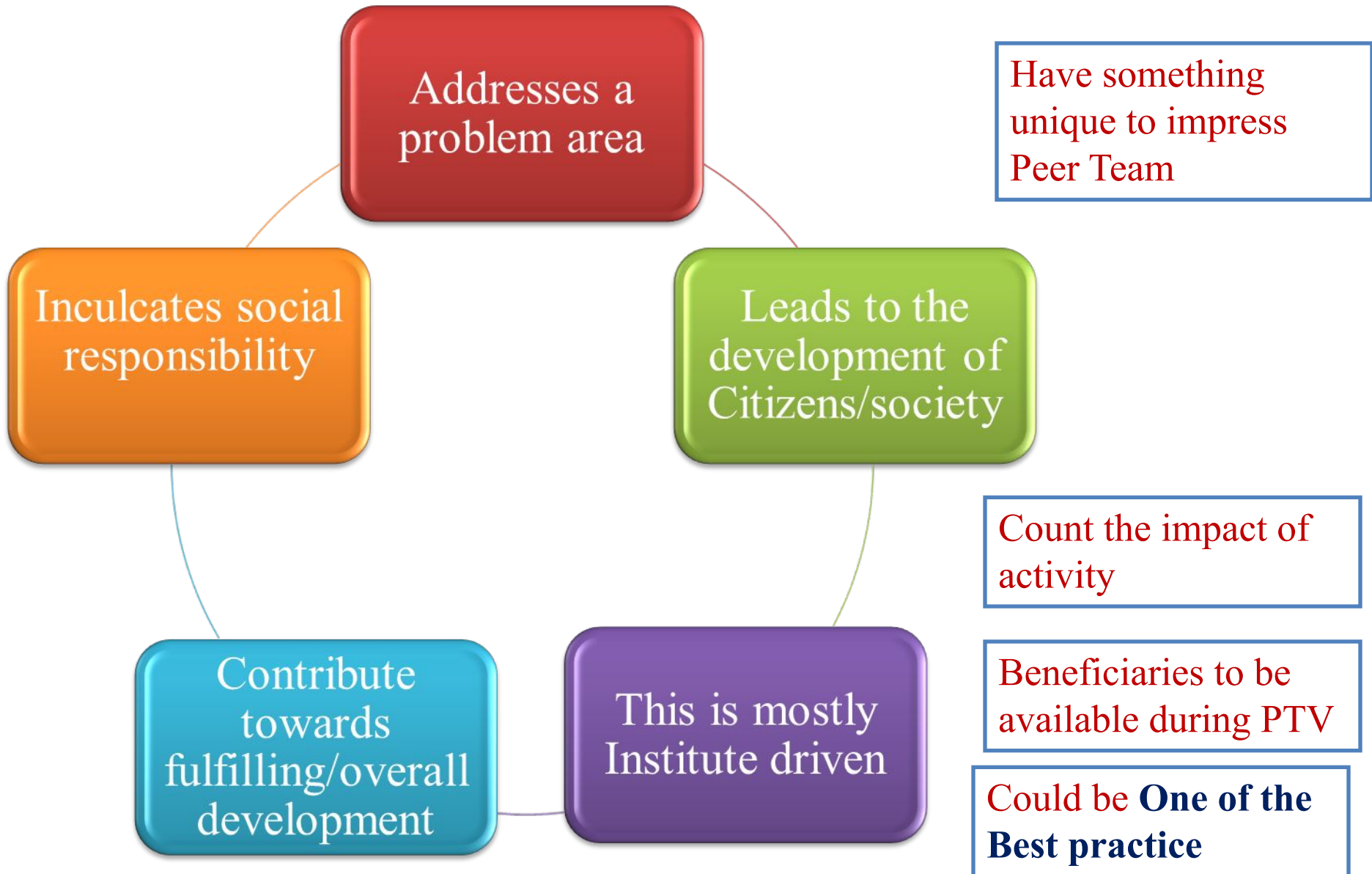
3.3.1 (QIM)	Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development during the last five years	10
3.3.2 (QnM)	Number of awards and recognitions received for extension activities from government/ recognised bodies during the last five years	10
3.3.3 (QnM)	<i>Number of extension and outreach Programmes conducted by the institution through NSS/ NCC/ Red Cross/ YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc.)and/or those organised in collaboration with industry, community and NGOs during the last five years</i>	20
3.3.4 (QnM)	<i>Average percentage of students participating in extension activities at 3.4.3. above during last five years</i>	20

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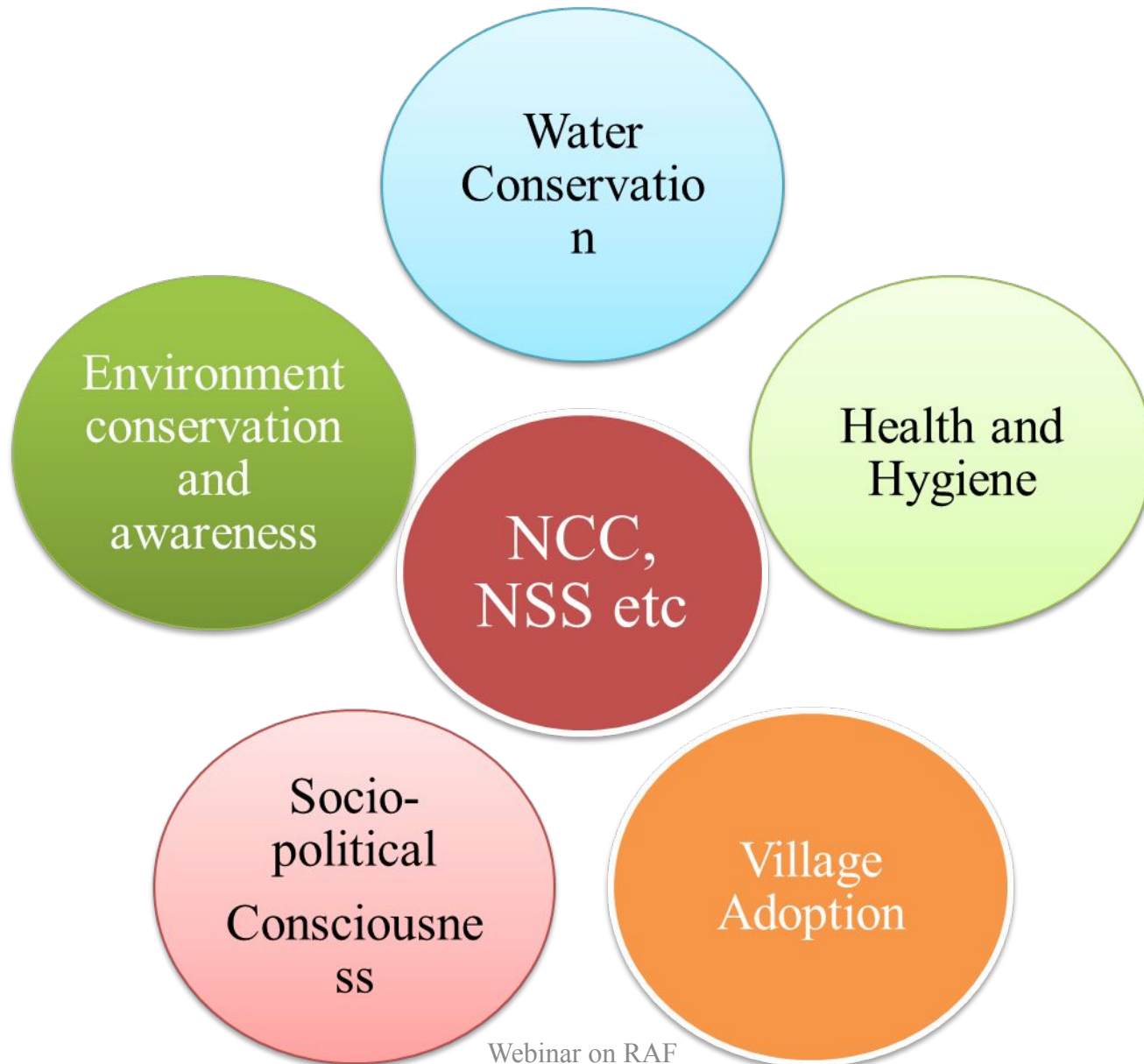
3.4.1(3.3.1) Extension and Outreach Activities

- **Extension Activities:** The aspect of education, which emphasizes neighbourhood services.
- **Outreach Activities:** Is the practice of conducting local public awareness activities through targeted community interaction

3.3 or 3.4 Extension and Outreach Activities



3.4.1 Extension and Outreach Activities



3.4.2 Awards and recognitions for extension activities

- Name of the activity
- Name of the Award/recognition
- Name of the Awarding government/
government recognized bodies
- Year of the Award



Best NSS unit award,

Best NCC unit

Vanashri Puraskar

Swacch Bharat

Award by NGOs

Awards to the institution and not to the individual and for extension activities only.

Awards local in nature such as Urban / local bodies / Panchayat etc are to be avoided.

3.4.3 and 3.4.4 Number of extension and outreach activities and students participation

- Name and number of the extension and outreach Programmes
- Name of the collaborating agency: Non-government, industry, community with contact details

• **Avoid industrial tour**

Detailed report signed by the incharge and the Principal

Photograph with caption and date

Number of participants

News paper clips etc

3.4 (UG) and 3.5 (PG) Collaboration 20

3.5.1 (QnM)	<i>The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the-job training, research etc during the last five years</i>	10
3.5.2 (QnM)	<i>Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the last five years</i>	10

3.4 (UG) and 3.5 (PG) Linkage 20

Linkage: Formal agreement between two or more institutions/organization which may not have legal binding.

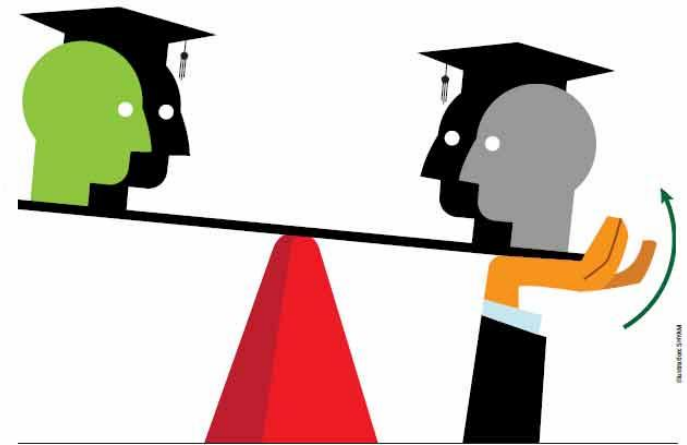
For resource sharing

Internship

On-the job training

Project work

Sharing of research facilities



3.4 (UG) and 3.5 (PG) Collaboration 20



Collaboration: The situation of two or more people working together to create or achieve the same thing (mutual benefit).

3.5.1 Linkages for Internship and research

Nature of linkage can be: Academic, Training, research, Faculty exchange etc.

Academic	Training	Research
Field trip	Hands on Training	Sharing facility
Study visit	Industrial Training	Guidance on Research
Guest Lecture	On the job Training	Collaborative Project

3.5.2 *Number of functional MoUs*

- E-copy of letters showing MOUs with other institutions
 - List of activities conducted under each MoU along with dates of starting and completion year-wise signed by both parties
 - The MoU should be **functional** during the assessment period
 - MoU continued for many years be counted as one
 - At least one activity should have been conducted under
- X MOU's with the sister institutions under the same Trust not to be included.**

Best Practice

①

②

③



Women's Empowerment and Entrepreneurship Development Cell

- Established in 2005.
- Works for the overall empowerment of women.
- Run by our female faculty members and students.
- Works mainly for:
 - Gender Equity and Gender Sensitization.
 - Empowerment of Women through Self-Employment.
 - Creating awareness about women's safety.
 - Providing support and guidance to women about legal and financial issues.

Empowering Women through Self Employment to Self dependence

Objectives of the Practice:

To make our girls a competent part of the society.

To develop creativity, art and environment friendliness in them.

To make the college youth self-dependent and self-confident.

To train women from the local community to become self-dependent

Activities of WEE

- **Spreading awareness among women about health, legal rights, political rights, literacy and environment.**
- **Arranging seminars/ conferences to spread awareness about the issues affecting women**
- **Constructing society based on gender equality.**
- **Beti bachao Abhiyan**
- **Entrepreneurship Development through workshops & best from waste project.**
- **Guidance and counseling for self-employment and career building.**



Workshop on Cooking and Baking September 2016.



Women's Entrepreneurship Workshop and Exhibition



One Day Workshop on Gender Equality, 02 January 2016.



Workshop on Preparing Eco-Friendly Bouquets



Activities of the Women's Empowerment and Entrepreneurship Development Cell

Video clips for success of evidence

Mahila Udyojakta Melava (Womens Entrepreneurship fair)	https://tinyurl.com/yd9hauk8	Regular students	
Exhibition	https://tinyurl.com/y8d278gl	Anuradha Bharambe	https://tinyurl.com/yaj8bqt4
Mrs .Nita Bobdey (Mentor)	https://tinyurl.com/ya5m647l	Jayshree Patil	https://tinyurl.com/ybjkk7zc
Mrs. Pratibha Taori (Coordinator of the cell)	https://tinyurl.com/ycotzjs9	Madhuri Pawar	https://tinyurl.com/ycy49zsd
Womens from local community		Nikita Ghule	https://tinyurl.com/ybwe8dys
Savita Deshmukh (Kaladalan Bachat Gat Sutala)	https://tinyurl.com/ya2dfsep	Puja Kapate	https://tinyurl.com/y9zpzmp
		Ex Student	
Trainer Mrs. Anuja Mahajan	https://tinyurl.com/y9kdrge8	Monika Umak	https://tinyurl.com/ycnbtag
Nita Pachpor (Sakhi Gruh Udyog Wadi)	https://tinyurl.com/y9z9ydst	Ankita Joshi	https://tinyurl.com/yct787zq
Udyojak Anita Varangaonkar Khamgaon	https://tinyurl.com/y8rshqu3	Kalpna Shimre	https://tinyurl.com/y8dnqc

Peer Team Visit



Peer Team Visit

Conclusions

- **Score in Criterion 3 is very good vis a vis other criteria**
- **Maintain a Research Tab on the HEI's website**
- **One can find a scope for presenting best practice or distinctiveness in SSR**
- **Interaction with beneficiaries of your activities can be helpful in making PT mindset positive.**

- **Presentation of the data is most important thing**
- **Refer Manual and SoP (updated time to time)**
- **Be sure on what is asked and what we are submitting?**

