

**The Annual Quality Assurance Report (AQAR)**  
**MAHISHADAL RAJ COLLEGE, WEST BENGAL**

**PART – A**

**AQAR for the year**

**2017 – 2018**

**1. Details of the Institution**

1.1. Name of the Institution

MAHISHADAL RAJ COLLEGE

1.2. Address Line 1

Mahishadal

Address Line 2

PurbaMedinipur

City / Town

Kolkata/ Haldia

State

West Bengal

Pin Code

721628

Institution e-mail address

[raicollegemahishadal@gmail.com](mailto:raicollegemahishadal@gmail.com) /  
[principal.mrc1946@gmail.com](mailto:principal.mrc1946@gmail.com)

Contact Nos.

+919434964960

Name of the Head of the Institution

Dr. Asim Kumar Bera

Tel No. with STD Code

03224 – 240220 / 240092

Mobile

+919434964960 / +918597396828

Name of the IQAC Coordinator

Dr. Asis De

Mobile	<div>+919434814144 / +919432384180</div>																														
IQAC e-mail address	<div><a href="mailto:igacmrc@gmail.com">igacmrc@gmail.com</a></div>																														
1.3. NAAC Track ID	<div>WBCOGN 13293</div>																														
OR																															
1.4. NAAC Executive Committee No. & Date : (For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner-bottom of your institution's Accreditation Certificate)	<div>EC(SC)/18/A&amp;A/82.2 Date : 05.11.2016</div>																														
1.5. Website address	<div><a href="http://www.mahishadalraicollege.com">www.mahishadalraicollege.com</a></div>																														
Web-link of the AQAR	<div><a href="http://www.mahishadalraicollege.com/naac/aqar2017-18">http://www.mahishadalraicollege.com/naac/aqar2017-18</a></div>																														
1.6. Accreditation Details																															
<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity Period</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1<sup>st</sup> Cycle</td> <td>B</td> <td>71.00</td> <td>2007</td> <td>2012</td> </tr> <tr> <td>2</td> <td>2<sup>nd</sup> Cycle</td> <td>A</td> <td>3.03 out of 4.00</td> <td>2016</td> <td>2021</td> </tr> <tr> <td>3</td> <td>3<sup>rd</sup> Cycle</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>4<sup>th</sup> Cycle</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period	1	1 <sup>st</sup> Cycle	B	71.00	2007	2012	2	2 <sup>nd</sup> Cycle	A	3.03 out of 4.00	2016	2021	3	3 <sup>rd</sup> Cycle					4	4 <sup>th</sup> Cycle				
Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period																										
1	1 <sup>st</sup> Cycle	B	71.00	2007	2012																										
2	2 <sup>nd</sup> Cycle	A	3.03 out of 4.00	2016	2021																										
3	3 <sup>rd</sup> Cycle																														
4	4 <sup>th</sup> Cycle																														
1.7. Date of Establishment of IQAC : DD/MM/YYYY	<div>15/06/2008</div>																														
1.8. Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011) Not Applicable (NAAC Accredited in 2016)																															
1.9. Institutional Status University      State <input checked="" type="checkbox"/> Central <input type="checkbox"/> Deemed <input type="checkbox"/> Private <input type="checkbox"/>  Affiliated College      Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Constituent College      Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																															

Autonomous College of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Regulatory Agency approved Institution (e.g., AICTE, BCI, MCI, PCI, NCI)	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Type of Institution	Co-educational	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>
			Women	<input type="checkbox"/>
			Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>
			UGC 12B	<input checked="" type="checkbox"/>
	Grant-in-aid+Self Financing	<input type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>

1.10. Type of Faculty/Program

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	Law	<input checked="" type="checkbox"/>	PhyEdu	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input checked="" type="checkbox"/>	Management	<input type="checkbox"/>	

Others (Specify)

- B.Sc. Major (Industrial Chemistry),
- B.Voc. (Healthcare, Automobile),
- Diploma Courses (Healthcare, Automobile Servicing & Maintenance)

1.11. Name of the Affiliating University (*for the Colleges*)

Vidyasagar University

1.12. Special status conferred by Central / State Government – UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt./University	<input type="checkbox"/>	No	
University with Potential for Excellence	<input type="checkbox"/>	No	UGC-CPE
			<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	No	UGC-CE
			<input type="checkbox"/>
UGC-Special Assistance Program	<input type="checkbox"/>	Yes	DST-FIST
			<input type="checkbox"/>
UGC-Innovative PG Programs	<input type="checkbox"/>	No	Any other ( <i>Specify</i> )
			<input type="checkbox"/>
UGC-COP Programs	<input type="checkbox"/>	No	

## 2. IQAC Composition and Activities

2.1	No. of Teachers	<input type="text" value="10"/>								
2.2	No. of Administrative / Technical staff	<input type="text" value="02"/>								
2.3	No. of students	<input type="text" value="02"/>								
2.4	No. of Management representatives	<input type="text" value="04"/>								
2.5	No. of Alumni	<input type="text" value="02"/>								
2.6	No. of any other stakeholder and community representatives	<input type="text" value="02"/>								
2.7	No. of Employers / Industrialists	<input type="text" value="02"/>								
2.8	No. of other External Experts	<input type="text" value="01"/>								
2.9	Total No. of members	<input type="text" value="25"/>								
2.10	No. of IQAC meeting held	<input type="text" value="05"/>								
2.11	No. of meeting with various stakeholders	No.	<input type="text" value="03"/>	Faculty	<input type="text" value="05"/>					
	Non-Teaching Staff	<input type="text" value="06"/>	Students	Alumni	<input type="text" value="02"/>					
				Others	<input type="text" value="00"/>					
2.12	Has IQAC received any funding from UGC during the year ?	Yes	<input type="text"/>	No	<input checked="" type="checkbox"/>					
	If yes, mention the amount	<input type="text"/>								
2.13	Seminars and conferences (only quality related)									
	(i) No. of Seminars/Conferences/Workshops/Symposia organized by the IQAC									
	Total Nos.	<input type="text" value="Nil"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text"/>
	(ii) Themes	<input type="text" value="Nil"/>								
2.14	Significance Activities and contributions made by IQAC									
	<div><div>I. Monitoring the activities of the ongoing courses in the Community College Section.</div><div>II. Monitoring the admission process of new PG departments (History, Sanskrit and Zoology) under the affiliation of Vidyasagar University.</div><div>III. Monitoring the construction process of the partially completed 6-storied building.</div><div>IV. Supervise the function and activities of Anti-Raging Committee and Anti-Raging Squad.</div></div>									

2.15 Plan of Action by IQAC/Outcome

The Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year **2017 – 2018**

Sl.	Plan of Action	Outcomes
1.	Preparation of AQAR for NAAC	Functioning
2.	Monitoring the activities of the ongoing courses in the Community College Section.	Functioning
3.	To start the admission processes of new PG departments of History, Sanskrit and Zoology under the affiliation of Vidyasagar University.	Process completed
4.	To increase the intake capacity of different subjects as per direction of Vidyasagar University and Govt. of West Bengal.	Increased
5.	To take initiatives to introduce PG course in Physics in the next session i.e. 2018-2019	Process Ongoing
6.	Maintenance of swimming pool of the college.	Functioning
7.	Maintenance of Sports Hall of the college.	Functioning
8.	Monitoring the construction of 6-storeyed building for class rooms from the fund of one time central assistance.	Partially Completed
9.	Monitoring the activities of Anti Raging Committee and Squad	Functioning
10.	Purchase of Books from UGC fund and fund raised by the college.	Purchased
11.	Purchase of Instruments from UGC fund and fund raised by the college.	Purchased
12.	To organize the Students' Orientation Program to familiarize students with campus environment and social activities.	Organized

\* Attach the Academic Calendar of the year as Annexure

2.16 Whether the AQAR was placed in statutory body Yes / No

☒
☐

Management

☒

Syndicate

☐

Any other body

☐

Provide the details of the action taken

Management appreciated the IQAC works. They approved all the decisions of IQAC.

## PART – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programs

Level of the Program	Number of existing Programs	Number of programs added during the year	Number of self-financing programs	Number of value added / Career Oriented programs
Ph.D.	0	0		
PG	4	3		
UG	50	5		4
PG Diploma	0	0		
Advanced Diploma	0	0		
Diploma	2	0		
Certificate	2	0		
Others	0	0		
<b>Total</b>				
Interdisciplinary				
Innovative				

√

##### 1.2 (i) Flexibility of the Curriculum : CBCS/Core/Elective option / Open options

##### (ii) Pattern of programs :

Pattern	Number of programs
Semester	20
Trimester	Nil
Annual	42

##### 1.3 Feedback from stakeholders\* (*On all aspects*)

Alumni ☐ Yes ☐ Parents ☐ Yes ☐ Employers ☐ Student ☐ No ☐ Yes ☐

Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

\* Please provide an analysis of the feedback in the Annexure

##### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects

The affiliating University takes all the decisions regarding syllabus revision and we are to follow their instructions.

##### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

Zoology (P.G.), Sanskrit (P.G.), History (P.G.)  
Geology (U. G.), Physiology (U.G.), Disaster Management (U. G.), NCC (U.G.)

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1	Total No. of Permanent faculty	Total	Asst. Professor	Associate Professor	Professor	Others
		60	21	14	00	00

2.2	No. of permanent faculty with Ph.D.	10
-----	-------------------------------------	----

2.3	No. of Faculty Position Recruited (R) and Vacant (V) During the year	Asst. Professor		Associate Professor		Professor		Others		Total	
		V	R	V	R	V	R	V	R	V	R
		11	00	00	00	00	00	00	00	00	00

2.4	No. of Guest and Visiting faculty and temporary faculty	64	29	00
-----	---	----	----	----

2.5 Faculty participation in conferences and symposia :

No. of Faculty	International level	National level	State level
Attended	07	42	06
Presented papers	04	09	---
Resource Persons	01	---	01

2.6 Innovative processes adopted by the institution in Teaching and Learning :

Smart Class Room, Student Feedback System, Online access of the Library through INFLIBNET facility

2.7	Total No. of actual teaching days during this academic year (2017 – 2018)	160
-----	---	-----

2.8

Examination / Evaluation Reforms initiated by the Institution  
(Forexample: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

NIL

2.9	No. of faculty members involved in curriculum Restructuring/revision/syllabus development As member of Board of Study/Faculty/Curriculum Development workshop	12		
-----	--	----	--	--

2.10	Average percentage of attendance of students	76%
------	--	-----

2.11 Course / Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A. (Hons.)	331	---	9.5	90.45	---	94.86
B.A. (Gen.)	120	---	--	100	---	91.66
B.Sc. (Hons.)	190	---	18.42	81.57	---	90.52
B.Sc. (Gen.)	61	---	33.33	66.66	---	98.36
ACNH(Hons.)	27	---	5	95	---	74.07
B.Com (Gen.)	09	---	---	100	---	98.36
B.Sc. (Major.)	23		69.56	30.43		100

2.12 How does IQAC contribute/Monitor/Evaluate the Teaching & Learning processes :

The members of the IQAC usually take care of the number of classes held in a month in each subject and supervise the Annual Examination & Internal Assessments.

The IQAC also supports departmental Field Works, excursions and academic surveys.

2.13 Initiatives undertaken towards faculty development during 2017-18

Faculty / Staff Development Programme	Number of faculty benefited
Refresher Courses	07
UGC – Faculty Improvement Programme	04
HRD Programmes	---
Orientation Programmes	02
Faculty Exchange Programme	---
Staff training conducted by the University	---
Staff training conducted by other institutions	---
Summer / Winter Schools. Workshops, etc.	14
Others	01

2.14 Details of administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Position	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	08	00	05
Technical Staff	14	06	00	15



## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1. Initiatives of the IQAC in sensitizing/Promoting Research Climate in the institution

Nil
-----

#### 3.2. Details regarding major project

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

#### 3.3..Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	01	00
Outlay in Rs. Lakhs	00	00	3,00,000	00

#### 3.4. Details on research publications

	International	National	Others
Peer Review Journals	16	---	---
Non-Peer Review Journals	---	---	03
e-journals	---	---	---
Conference proceedings	03	---	---

#### 3.5. Details on Impact factor of publications

Range	0-2	Average	2.8	h-index	25	Nos. in SCOPUS/UGC	13
-------	-----	---------	-----	---------	----	--------------------	----

#### 3.6. Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major Projects	Nil	Nil	Nil	Nil
Minor Projects	2017-2018	ICSSR	Rs. 3,00,000	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry Sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/College	Nil	Nil	Nil	Nil
Students research Projects(other than compulsory by the University)	Nil	Nil	Nil	Nil
Any Other (Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

#### 3.7. No. of books published i) With ISBN No.

00

#### Chapters in Edited Books

01

#### ii) Without ISBN No.

Nil

3.8. No. of University Departments receiving funds from

UGC-SAP	Nil	CAS	Nil	DST-FIST	Nil
DPE	Nil			DBT Scheme/funds	Nil

3.9. For Colleges

Autonomy	Nil	CPE	Nil	DBT Star Scheme	Nil
INSPIRE	Nil	CE	Nil	Any Other (Specify)	Nil

3.10. Revenue generated through consultancy

Nil

3.11. No. of conference organized by the Institution

Level	International	National	State	University	College
Number	00	00	02	00	01
Sponsoring agencies	00	00	UGC, State Govt	00	State Govt

3.12. No. of faculty served as experts, chairpersons or resource persons

Nil

3.13. No. of collaborations

International

00

National

05

Any other

00

3.14. No. of linkages created during this year

04

3.15. Total budget for research for current year in lakhs :

From Funding agency

Nil

From Management of University/College

Nil

Total

Nil

3.16. No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialized	Applied	Nil
	Granted	Nil

3.17. No. of research awards/recognitions received by faculty and research fellow of the institute in the year : **N.A.**

Total	International	National	Dist	State	University	College
Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nil	Nil	Nil	Nil	Nil	Nil	Nil

3.18. No. of faculty from the institution who are Ph.D. Guides   
and students registered under them

3.19. No. of Ph.D. awarded by faculty from the Institution

3.20. No. of Research scholars receiving the Fellowships (New enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21. No. of Participants in NSS events:

University level	<input type="text" value="00"/>	State level	<input type="text" value="00"/>
National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

3.22. No. of Participants in NCC events:

University level	<input type="text" value="00"/>	State level	<input type="text" value="35"/>
National level	<input type="text" value="10"/>	International level	<input type="text" value="00"/>

3.23. No. of Awards won in NSS :

University level	<input type="text" value="00"/>	State level	<input type="text" value="00"/>
National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

3.24. No. of Awards won in NCC:

University level	<input type="text" value="00"/>	State level	<input type="text" value="00"/>
National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

3.25. No. of Extension activities organized

University forum	<input type="text" value="00"/>	College forum	<input type="text" value="00"/>
NCC	<input type="text" value="08"/>	NSS	<input type="text" value="07"/>
		Any other	<input type="text" value="00"/>

3.26. Major Activities during the year in the sphere of extension activities and Industrial Social Responsibility

- Control of gathering of peoples in MahishadalRathajatraMela
- Tree Plantation
- Blood donation Camp
- AIDS Awareness
- Swachh BharatAbhiyan

## Criterion-IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities

Facilities	Exiting	Newly created	Sources of Fund	Total
Campus area	11717.42 Sq. mtr	-	-	11717.42 Sq. mtr
Class rooms				
Laboratories	24	01	-	25
Seminar Halls	02	-	-	02
No. of important equipment purchased ( $\geq$ 1-0 lakh) during the current year	03	02	UGC & College Fund	05
Value of the equipment purchased during the year (Rs. In lakh)	3.81615	10.82674	UGC & College Fund	14.64289
Others	-	-	-	-

#### 4.2 Computerization of administration and library

Yes
-----

#### 4.3 Library Services:

	Existing		Newly Added		Total	
	No.	Value (Rs.)	No.	Value (Rs)	No.	Value (Rs.)
Text Books	27713	-	205	-	27918	3189862
Reference Books	12357	-	103	-	12640	
Journals	20	-	-	-	20	
e-Journals	6000+	5750			6000+	5750
e-Books	97000+				97000+	
CD & Video	231	-	09	-	240	-
Other (specify)	-	-	-	-	-	-

#### 4.4 Technology up-gradation (Overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Project and Computers at the Departments	Others (Personal Laptop, Tab etc.)
Exiting	100	2	13	2	1	5	23	12
Added	2	0	2	0	0	1	1	3
Total	102	2	15	2	1	6	24	15

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

Computer and Internet access are available for all the teachers, students and employees.

#### 4.6 Amount spent on maintenance in (Rs. Lakhs):

i) ICT	1.31622
ii) Campus Infrastructure and facilities	40.01097
iii) Equipments	13.54574
iv) Others	6.58463
<b>Total (Rs.)</b>	<b>61.45756</b>

### Criterion – V

#### 5. Student Support and Progression

##### 5.1. Contribution of IQAC in enhancing awareness about Student Support Services

- i) At the time of admission in various courses the Counseling Cell motivates the students regarding the selection and combination of subjects in the various classes and in the different fields also.
- ii) The women Cell of the college (constituted as per IQAC) always take care of women students according to the guidelines.
- iii) Community College, B.Voc. Unit and Kaushal Kendra which are three wings of our college and they offered job Oriented Courses and Career Oriented Courses. Students get opportunity to take part in campus selection and placed in various organizations accordingly.
- iv) The IQAC Cell regularly organizes the Awareness Programmes for the student community as well as the social community through the NCC Unit and NSS Units (5Units) of the college with proper guidance and guideline.
- v) IQAC regularly maintains the students Feedback system within the class as well as in the hostels also.

##### 5.2. Efforts made by the institution for tracking the progression

- i) Efforts being always made for tracking the progression of the students. When the result of University Examinations, like, Part-I, Part-II & Part-III Examination has been published, the Academic Committee and Teachers' Council jointly analyses the result of the said examinations and the Head of each department contact every student for the discussion of his/her result for the betterment.
- ii) Each department analyses the feedback reports in every year and became self-motivated.
- iii) The Women Cell and members of IQAC identify the various problems of the girl students both within the campus and outside the campus and solve the said issues with first precedence.
- iv) The Women Cell visits the Women's Hostel in every week to resolve any issue related to the girl's students.
- v) The department of Library organizes a "Library Orientation Programme" for the 1<sup>st</sup> year students to guide them about the access of the Computerized Library.
- vi) For Industrial Training of the B.Sc. (Vocational) students of the Industrial Chemistry, the department of Chemistry placed the students to the Indian Oil Corporation Limited (Haldia Branch) and Public Health Engineering (PHE) located at Geonkhali, Purba Medinipur.

5.3. (a) Total Number of students:

UG	PG	Ph.D.	Others	Total
3052	620	00	100	3772

(b) No. of students outside the state: NIL

(c) No. of International students: NIL

(d) Student details:

Last Year (2016-2017)									
Student category	General	SC	ST	OBC-A	OBC- B	Physically Challenged	Minority	Total	%
Men	1287	303	22	04	75	10	97	1798	50.03
Women	1427	213	14	01	58	05	78	1796	49.97
Total	2714	516	36	05	133	15	175	3594	

This Year (2017-2018)									
Student category	General	SC	ST	OBC-A	OBC- B	Physically Challenged	Minority	Total	%
Men	1252	286	16	67	78	10	04	1713	46.65
Women	1621	216	10	49	52	05	06	1959	53.35
Total	2873	502	26	116	130	15	08	3672	

Demand Ratio of the students	Dropout % of the students
1: 2.99	9.45

**5.4. Details of student support mechanism for coaching for competitive examination (if any)**

- Special Training programme on Communicative English for the students organized by the Department of English.
- Most of the faculties of the different Departments help the students to fill up the forms of several online examinations, downloading questions of different examinations and consulting the websites of relevant sectors.
- The Career Counseling Cell often provides the students model answer papers of different competitive examinations.
- Student council and alumni association actively involved in this support mechanism through their coaching and other supporting study materials.

**5.4.1. Number of students benefitted:** 450 including UG and PG

**5.5. Number of students qualified in these examinations**

- NET- 01
- SET/SLET- 01

## 5.6. Details of students counseling and career guidance

- i) The heads of the different departments take initiative with the association of Career Counseling Cell to arrange different programs to aware the students about the enhancement of their academic carrier as well as professional carrier for their future.
- ii) Each department clearly discussed with the students about the further studies as well as their merits and limitations.
- iii) Each department also discussed about the scope of the job opportunities over the globe according to their subject as well as their merits and limitations.
- iv) Each department also informs the students about different advertisement for the admission of higher/further studies.
- v) The Career Counseling Cell informs the students about different advertisement for the different competitive examinations, like, NET, SET, GATE, WBCS, UPSC, etc., by posting the advertisements in the notice board.
- vi) The department of English offers Communicative English course for the students for their carrier.
- vii) The department of Mathematics offers basic Mathematics and logic course for the competitive examinations.
- viii) The departments those run vocational courses aware the students about different organizations that visit for the campus placement.

**5.6.1. Number of students benefitted:** 260 including UG and PG

## 5.7. Details of campus placement

On Campus				Off Campus		
Number of Organizations visited	Number of students Participated		Number of Students Placed	Number of Organizations visited	Number of students Participated	Number of Students Placed
AMRI HOSPITAL	21 B.Voc.	13 Diploma	15 B.Voc. 10 Diploma	RUBY HOSPITAL	10 B.Voc. 10 Diploma	9 B.Voc. 8 Diploma
ANANDALOK HOSPITAL	15 B.Voc.	17 Diploma	10 B.Voc. 14 Diploma	MASS HOSPITAL	10 B.Voc. 10 Diploma	All Placed
BHANDARI AUTOMOBILE PVT.LTD	06 B.Voc.	25 Diploma	04 B.Voc. 21 Diploma	.....	.....	.....
PARAJ MOTORS PVT.LTD	20 Advance Diploma	15 Diploma	15 Advance diploma 13 Diploma	.....	.....	.....
SHREE AUTOMOBILES	10 Advance Diploma	05 Diploma	All placed	.....	.....	.....
Total : 05	72	75	117	02	40	37

## 5.8. Details of gender sensitization programme:

- i) The NSS units of the college arrange different campaigns, training, workshops, programs, etc., on gender sensitization.
- ii) Some NSS classes are devoted for the gender sensitization. Experts are invited for special lectures to the students in those classes.
- iii) The units also arrange seminars on the gender sensitization with the collaboration of the social workers of the adopted villages to aware the villagers.
- iv) In every NSS special camp one seminar is always dedicated on the gender sensitization where distinguished personalities, like, Maharaj from Ramakrishna Mission present their views on the topic.

## 5.9. Students Activities

### 5.9.1. No. of students participated in Sports, Games and other events

- a) State/University level 41
- b) National level 09
- c) International level 00

### 5.9.2. No. of students participated in cultural events

- a) State/University level 25
- b) National level 12
- c) International level 00

### 5.9.2. No. of medals/awards won by students in Sports, Games and other events

Category	State/University level	National level	International level
Sports	12	05	00
Cultural	05	03	00

## 5.10. Scholarship and Financial Support

Organization offered	Name of scholarship	Number of students	Amount
Financial support from institution	Tuition fees Concession	470	Rs. 110835/-
Financial support from State government	Kanyashree K2	489	Rs.12225000/- @ 25000/student /year
	K1	61	Rs.61000/- @ 1000/student /year
	SVCM	495	Rs.5940000 @ of Rs.12000/student /year
Number of students who received International/National recognitions	NIL	NIL	-NIL

## 5.11. Student organized / initiatives N.A.

Program	State/University level	National level	International level
Fair	00	00	00
Exhibition	00	00	00

## 5.12. No. of social initiatives undertaken by the students

Different social activities are organized throughout the year by the Student Council, NSS Units and the NCC Unit of the college. Some of these are listed here.

- i) One Blood Donation camp at college campus.
- ii) Parthenium eradication Camp in the local areas.
- iii) Awareness camp on Thalassemia.
- iv) Thalassemia carrier detection camp.
- v) Blood group detection Camp.
- vi) Hepatitis B Immunization camp.
- vii) Plantation Programme.
- viii) Cleaning & Beatification of the College campus.
- ix) Snake and Snake bite awareness camp in the college and local areas.



- x) Medicine and fruits distribution to the patient of local hospital and Nursing homes.

5.13. Major grievances of students (if any) redressed: **NIL**

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### **6.1. State the Vision and Mission of the institution**

Mahishadal Raj College is the third oldest college in the undivided district of Midnapore and the fiftieth one under the University of Calcutta. The college was founded on August 1, 1946 by Kumar Debaprasad Garga Bahadur, the then 'Raja' of Mahishadal and a celebrity in music and fine arts. At present, the college is affiliated to the Vidyasagar University since 01.06.1985. Situated only twenty kilometers from both Haldia (a potential industrial town of W.B.) and Tamluk (the district headquarter of Purba Medinipur), this college has immensely benefited from its location of a pleasant and placid countryside.

The logo of the college properly reflects its mission. They are Wisdom, Values and Progress. Founded by the Mahishadal Raj during the days of the fierce freedom movement at Mahishadal to enable the poor mofussil boys and girls to promote their higher studies at an affordable cost ("after matriculation they had to give up higher studies due to prohibitive cost of education in the metropolis") and to bring prosperity in the area by diffusing the light of education and to inculcate high values. The college today is committed to deliver excellence in the undergraduate level education to empower the rural youth with breadth of knowledge and the depth of experience that provide a meaningful contribution to their career and also the community. For this purpose, during the last six decades, the college geared all its academic and extension activities towards this direction. To achieve the goals stated in the mission statement the college faithfully follows the following elementary objectives:

- i) To provide good quality teaching that can be useful for preparing the students for higher education.
- ii) To develop personality, leadership quality and the mind-set of a good citizen in students.
- iii) To inculcate ethical and moral values.
- iv) To create teachers for the future generation.
- v) To prepare the students for a bright career, make them fit the social, economic and other challenges, and able to contribute to peace, human unity and universal welfare.
- vi) To enhance creative skills.
- vii) To develop sense of social services and patriotism through community services.

Our institution has been trying to develop human and cultural values among the students to fulfill the needs of the society. Some such activities are listed below:

- i) The National Service Scheme (4-units) follows the motto "NOT ME BUT YOU". It has adopted four villages every week and set up different awareness programs. In the Special Puja Camp the volunteers clean the wild plants & herbs, abominable materials and cast-off to save the villagers from environmental pollution. They also clean the drains of the Mahishdal Hospital and other drains of Mahishadal main area.
- ii) The National Service Scheme of the college has linkage with the Consumers Affairs & Fair Business Practice, a department of the Govt. of India, the Health Deptt., Govt. of WB, Lions Club of Mahishadal, Naikundi Janakalyan Samiti. Using this network, the NCC has organized Consumer awareness seminar, TB awareness seminar, Pulse Polio motivation campaign and many other society concerned programs.
- iii) The Cadets of NCC units have organized an AIDS Awareness Program in Mahishadal and Haldia.

- iv) The college has established a "Medical and First Aid Centre" by itself, which is regularly attend by a registered medical practitioner. The college has signed a "MOU" with "BipannaBandhu", a local charitable organization for Ambulance Service, emergency trained staff for medical care, oxygen cylinder etc.
- v) A Yoga Centre has been established where experts provide training on Yoga.
- vi) The cultural unit of the college has taken steps to organize and celebrate different cultural events. The students take the leading role in University Inter College Cultural Competition.
- vii) In the Sports Unit of the college, the students play a leadership role in University Inter College Sports Competition.
- viii) In the Youth Parliament Competition, the students have played a vital role in District and State Level Competitions.
- ix) The Blood Donation Camp has been organized by the college authority and Students' Union on a fixed day of every year.
- x) The college conducts educational tour every year before the Puja Holidays. The teachers and the staff of the college supervise and guide the tour.

Different departments organize departmental tours to broaden the knowledge of the students in their respective areas, as per syllabus of Vidyasagar University.

In spite of that, the institution is trying to take initiative to open new subjects and to develop the existing infrastructure, to name a few. The institution aims:

- To prepare the extension of affiliation of the following new subjects (UG course) from Vidyasagar University: (a) Military Science (Gen) (b) Human Rights Education (Gen.).
- To prepare the extension of affiliation of the following new subjects (PG course) from Vidyasagar University: a) M.A in English b) M.Sc. in Applied Mathematics.
- To complete the construction of swimming pool of the college.
- To start the admission of students in the Diploma Courses a) Health Care b) Auto Mobile servicing and maintenance, under the Community college division of Mahishadal Raj College.
- To prepare the syllabi for the Certificate course, Diploma Course and Advanced Diploma course for a) Communicative English, b) Chemical Operator and c) Income Tax Practice and Procedure.

#### 6.2. Does the Institution has a management Information System : Yes

Two way communication systems is functioning for taking as well as implementing decision in the academic and administrative affairs.

#### 6.3. Quality improvement strategies adopted by the institution for each of the following :

##### 6.3.1. Curriculum Development

The college is affiliated to Vidyasagar University, which supplies the syllabi of different courses.

The Lesson Plan has been developed on the basis of the discussion with the Principal, Academic Sub-Committee and Teachers' Council. The resolution of the meeting is placed before the G.B. for a formal approval.

The quality of the policy is monitored and reviewed by the Principal, Academic Sub-Committee and Teachers' Council on the basis of the students' performance in the Internal Assessment (terms & conditions prescribed by the University), Annual result and success in various fields of competitive examinations.

The Principal of the college takes steps regarding feedback of the success and he is the executor of the decisions taken by different sub committees.

The decision making process includes the following steps:

- i) The proposal taken by the different sub committees or wings are sent to the Principal.
- ii) The Principal meets the respective Sub-Committee and stakeholders to discuss the merit of the proposals.
- iii) Then the Principal place the proposals before the G.B.
- iv) The Governing Body consults the University Statute, Acts, Regulations and Govt. Orders and takes final decision on the matter.

#### 6.3.2. Teaching and Learning

- i) Preparation of the master routine by the academic committee.
- ii) Allotment of sufficient class rooms to complete the syllabus in due time.
- iii) Maintenance of Laboratories of the different practical based subjects.
- iv) Purchase of New Books as per syllabus for the Central Library and Departmental Library.
- v) Purchase of Teaching Learning Aids and Laboratory Equipment and chemicals..
- vi) Offering in the facilities to use modern technology.
- vii) Offering sports training throughout the session.
- viii) Offering cultural training throughout the session.
- ix) Offering social service workshop throughout the session.

#### 6.3.3. Examination and Evaluation

- i) Examination and Evaluation pattern has been set up as per University guidelines.
- ii) Arrangement of Class Tests / Internal Assessment Test in different departments.
- iii) Arrangement of Seminar Classes in different departments.
- iv) Arrangement of Tutorial and Remedial classes for the weaker students.
- v) Arrangement of Admission Test of Post Graduate students.

#### 6.3.4. Research and Development

- i) Build up Research infrastructure of the college.
- ii) Supply of sufficient computers to the Reseacher with internet facilities.
- iii) Purchase of requisite books and journals for researchers.
- iv) Reward to the researchers for publication to encourage in research engagement.
- v) To insist the teachers to do the research work for Ph.D. Degree and the research oriented work.
- vi) To motivate the teachers for Minor / Major Research Project of UGC.

#### 6.3.5. Library, ICT and physical Infrastructure / Instrumentation

- i) The central library of the college has a Library Sub-Committee for monitoring the activities of the library
- ii) Every department has a Departmental Library.
- iii) Lending facilities for Teachers. Non-teaching staff and students
- iv) Reading Room Service facilities
- v) Reprographic service facilities
- vi) Information Service
- vii) Fully Computerized
- viii) Internet Service

- ix) On line public access catalogue system
- x) Enlisted INFLIBNET service program
- xi) e-books and e-journals facilities
- xii) Network resource centre

#### 6.3.6. Human Resource Management

- i) Governing Body
- ii) Teachers' Council
- iii) Different Sub-Committees constituted by the Governing Body as per statute of Vidyasagar University
- iv) Sports Committee
- v) Cultural Committee
- vi) Students' Union
- vii) Different Executive Bodies constituted with the students, teachers and non-teaching staff.
- viii) Advisory Committee of N.S.S.
- ix) Beautification Committee
- x) Women Cell
- xi) Anti-Ragging Cell
- xii) Advisory Committee of Directory of Distance Education.
- xiii) Drama and Debate Club.
- xiv) Eco Club.

#### 6.3.7. Faculty and Staff recruitment

- i) Permanent Whole time Teachers are appointed by the Governing Body on the basis of the recommendation of The West Bengal College Service Commission, West Bengal.
- ii) Approved Part-time Teachers are appointed by the Governing Body on approval of the Higher Education Department, Govt. of West Bengal
- iii) Guest Teachers are appointed by the Governing Body through the Selection Committee.
- iv) Permanent Whole time Non-teaching Staff are appointed by the Governing Body through the Selection Committee constituted as per guideline of the Higher Education Department, Govt. of West Bengal
- v) Casual Non-teaching Staff are appointed by the Governing Body through the Selection Committee.

#### 6.3.8. Industry Interaction/ Collaboration

- i) An Industry Interaction/Collaboration has been made with the Indian Oil Corporation Limited, Haldia, West Bengal for Industrial Training of the students of Industrial Chemistry.
- ii) An Industry Interaction/Collaboration has been made with the Public Health Engineering, Geonkhali, PurbaMedinipur, WestBengal for Industrial Training of the students of Industrial Chemistry.
- iii) For the students of Community College Division (Health Care and Auto Mobile maintenance ) industry Interactions/ Collaborations have been made with the **Royal Enfield, Tata Motors, AMRI Hospital (Kolkata), Ruby General Hospital (Kolkata), Anandalok Hospital (Salt Lake, Kolkata )**.

#### 6.3.9. Admission of Students

- i) Publicity of admission is made through Local News Papers, College Website, Prospectus and College Notice Board

- ii) Admission of students is purely on merit basis.
- iii) State reservation policy has been adopted during the admission.

#### 6.4. Welfare Schemes for

Teaching	College Co-operative
Non-Teaching	College Co-operative
Students	Students Aid Funds, Tuition Fees Concession from the college fund, Medical facilities through College Medical Unit

#### 6.5. Total corpus of fund generated for the session 2017-2018

- i) College Fund : Rs. 1,92,32,325 /-
- ii) UGC : Nil
- iii) State Govt. : Nil
- iv) Others : Rs. 2,58,920 /-

-----

Total : Rs. 1,94,91,245/-

6.6. Whether annual financial audit has been done? Yes

☒

No

☐

6.7. Whether Academic and Administrative Audit (AAA) has been done ?

Audit Type	External		Internal	
	Yes / No	Agency	Yes / No	Agency
Academic	Yes	University, NAAC	Yes	Academic Sub-Committee, Heads of the different departments.
Administrative	Yes	Accounts Section of the Director of Public Instruction, Govt. of West Bengal	Yes	Bursar, Internal Audit Committee, Finance Committee constituted by the G.B.

6.8. Does the University / Autonomous College declares results within 30 days? **N.A.**

For UG Programs

Yes

☐

No

☐

For PG Programs

Yes

☐

No

☐

6.9. What efforts are made by the University/Autonomous College for Examination Reforms ?  
**N.A.**

6.10. What efforts are made by the University to promote autonomy in the affiliated/constituent Colleges?**N.A.**

--

#### 6.11. Activities and Support from the Alumni Association

The Alumni Association is crucially important to the stakeholders. The Association is actively involved in the all-round development programs of the college. The ex-students of our college have formed the Alumni Association since 1997 with Registration Number S/IL/15938 of 2003-2004 as per *Registration of Societies West Bengal Act XXVI of 1961*. A Biennial Conference was held regularly at the college campus in the first Sunday of February. A popular seminar and other cultural activities were held in the conference. A Biennial Magazine was also published in the conference regularly to express the views and suggestions about the college development in all aspects. They constructed an ex-students block to fill up the scarcity of the rooms, donated books for the library and a water cooler machine in each conference. Moreover, retired teachers, officers and other eminent persons who were students of this college remained present in the said conference and placed the different development planning and other academic related aspects of the college.

The Mission & Vision of the Alumni Association of the college:

- i) To consolidate the relation between the alumni and the present students and maintain the academic environment.
- ii) To arrange and organize lectures, debates, discussions, seminars and excursions for the diffusion of knowledge.
- iii) To publish or cause to publish good quality literatures, papers, magazines, books etc.
- iv) To study, cultivate and demonstrate the art of music and dancing.
- v) To promote and encourage advancement of literacy, cultural, political, religious, scientific and technical education.
- vi) To help the needy students of the college for prosecution of studies.
- vii) To collect and preserve manuscripts, painting, sculptures, works of art, antiquities, natural history specimens, mechanical and scientific instruments and design
- viii) To help the aged, sick, helpless and indigent alumni.

The Present Organizing Body of the Alumni Association of Mahishadal Raj College is:

1. Prof. HaripadaMaiti	:	Patron of the Association
2. Dr. Asim Kr. Bera	:	Principal, President of the Association
3. Sri Pravanjan Mishra	:	Vice President
4. Sri JagannathSantra	:	Vice President
5. Smt. Anjali Guha	:	Vice President
6. Sri SripatiCharanGiri	:	Vice President
7. Sri JitendranathMaity	:	Vice President
8. Sri DasarathiHazra	:	Vice President
9. Sri Murari Mohan Maity	:	Vice President

10. Sri PiyarimohanMaity	:	Vice President
11. Sk. Abdul Jabbar Ali	:	Vice President
12. Sri Purnendu Kumar Chaudhuri	:	Vice President
13. Prof. Syama Jana (Giri)	:	Joint General Secretary
14. Sri SasankaSekharMaji	:	Joint General Secretary
15. Sri BiswanathTripathy	:	Secretary
16. Sri Brajendranath Barman	:	Secretary
17. Sri DebasishMaity	:	Secretary
18. Sri Tilak Kumar Chakraborty	:	Secretary
19. Sri Mridul Das Bayen	:	Secretary
20. Sri Surendu Manna	:	Secretary
21. Prof. Subodh Chandra Maiti	:	Cashier

#### 6.12. Activities and Support from the Parent – Teacher Association

Parents contribute important function for development of the college. The college always maintains the relationship with the guardians. If any problem arises for the students, the college authority calls the respective guardians to solve the issues. The college authority invites the guardians and local pupils in the different cultural activities of the college. We have arranged for the soil test in the Department of Chemistry for each farmer by occupation. A One day workshop has been organized in our college with the parents on consumer affairs by the Department of 'Consumer Affairs and Fair Business Practice' Govt. of West Bengal. The parents may come to our college to solve any problem of their ward.

#### 6.13. Development programs for support-staff

- i) The college has sufficient No. of computers in the different departments and office with internet connection for the purpose of developing their knowledge.
- ii) There are Staff Room, Boys' & Girls' Common Rooms with T.V. and other entertainment facilities.
- iii) The college regularly arranges State/National Level Seminars for the advancement of learning.
- iv) The institution always looks after scopes for faculty development through training, retraining and motivating the employees for the roles and responsibility they perform.
- v) Vidyasagar University and Academic Staff Colleges of other Universities arrange various programs time to time to refresh and orient the knowledge of the teaching & non-teaching staff. The teaching & non-teaching staff of our college participates in these programs.
- vi) The teachers often participate in National and International Seminars/Conferences/Refresher Courses and Orientation Courses for developing their knowledge.
- vii) The different departments of our college organize student seminars in the respective departments regularly.

#### 6.14. Initiatives taken by the institution to make the campus eco-friendly

- i) A Sub Committee has been constituted by the Governing Body in this issue to make the campus eco-friendly.
- ii) The Sub-Committee has taken initiation every year for 'Tree Plantation' by the members of the NSS & NCC Units and Students' Union.
- iii) They clean the campus in every week.
- iv) To maintain the environment around the college campus, the students of the college clean the big pond beside the college campus.
- v) The students of the college contribute to maintain Green Campus inside the college with the help of our Gardener (Mali).
- vi) The students and employees of the college have taken initiation to make the campus free from plastic.



## Criterion – VII

### 7. Innovations and Best Practices

7.1. Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details

- i) Infrastructure Development Committee, 2017
- ii) Women Cell, 2017
- iii)
- iv) Cultural Unit, 2017
- v) Facilities of Computerization of office.
- vi) Computerization of Library
- vii) Anti-ragging Committee and Anti-ragging Squad
- viii) Grievance Redressal Cell, 2017
- ix) Scholarship Monitoring Committee, 2017
- x) PG Departments' Monitoring Committee, 2017

7.2. Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year 2017 (July):

- i) Preparation of the AQAR for NAAC for the period 2017 (July) to 2018 (June).
- ii) Extension of Community College activities through infrastructure and course curriculum development.
- iii) Introduction of the new PG departments (History, Sanskrit and Zoology) under the affiliation of Vidyasagar University.
- iv) Increase in Intake capacities in different subjects as per direction of Vidyasagar University and Govt. of West Bengal.
- v) Regular maintenance of the swimming pool of the college has been partially completed.
- vi) Regular maintenance Sports Hall and Gymnasium of the college has been partially completed.
- vii) Construction of 6-storeyed building for class rooms from the fund of one time central assistance has been partially completed to be used for academic purposes.
- viii) Purchase of the Books and journal from the UGC Fund for the benefits of the students and teachers.
- ix) Purchase of the Instruments from the UGC Fund for improvement of the UG and PG laboratories.

7.3. Give two Best Practices of the institution (*Please see the format in the NAAC Self-study Manuals*)

#### **Best Practice: 1**

1. **Title of the Practice:**

"Skill of young population to turn the country into a global source of manpower"

2. **Goal:**

Education plays an important role in the overall development of a human being as well as the nation. It is a unique investment in the present and for the future. Every country develops its own system of education to express and promote its unique socio-cultural identity besides meeting the challenges of time to leverage the existing potential opportunities. India, at present, is recognized as one of the youngest nations of the world with over 50% of population under the age of 30 years. It is estimated that by 2025, India will have 25% of the world's total workforce. In order to harness the full demographic dividend, India needs high quality educational system which is affordable, flexible and relevant to the individuals, as well as to needs of the society as a whole. Today, the country faces a demand-supply mismatch as the economy needs more 'skilled workforce as also



the managers and entrepreneurs than produced annually. In fact, majority of the contemporary institutions of higher learning remain almost disconnected with the requirements of the workplace. The higher education system has to incorporate the requirements of various industries in its curriculum, in an innovative and flexible manner while producing well groomed graduates.

### 3. **The context:**

There is importance of skill based training through the community College Division of Mahishadal Raj College.

(i) A large number of students are not able to pursue education due to socio-economic constraints. The education they receive may not be useful for a sustainable livelihood with quality. They try to enter the world of work without required skills and competencies to face the labour market competition. As a result, they remain unemployed, marginalized and poor. This target group needs skills for better employment opportunity.

(ii) Both Vocational education and skills development have been known to increase productivity of individuals, profitability of employers and expansion of national development. A 'knowledgeable' workforce, one that is both highly skilled in a particular occupation and also exhibits flexibility, is seen as the most important human capital required for the development of a country.

(iii) Vocational and professional training system would have a major positive impact on national competitiveness. The Technical and Vocational Education is considered as an important measure for the development of trained labour force required for the socio-economic development of a country.

(iv) It is argued that the elementary education must impart usable technical knowledge and vocational education can be used effectively to combat dropouts. More specifically, it is believed to be an effective answer to reduce unemployment and migration to urban centers. The development of occupational skills leads to technological advancement that ensures optimum utilization of resources and leads to enhanced productivity and thereby increased level of growth, competitiveness and job satisfaction and reduction in gap between demand and supply.

(v) In this age of liberalization, India is still way behind in training the people in different specializations. Vocational training is to impart specialized skills and knowledge, and instilling social and political attitudes and behavioral patterns essential for successful economic activities by people engaged in dependent employment, self-employment or subsistence work.

(vi) The Government of India in recent years has laid a lot of emphasis on streamlining vocational education so that it fulfills the emerging need of the market by focusing on employability skills.

(vii) The Prime Minister of India has suggested that India should set a goal to create 500 million certified and skilled technicians in the country by 2022. As we have the largest population of young people in the world, we need to invest adequately in their education and employability, to become the largest pool of technically trained manpower in the world.

(viii) As Indian employers compete with best in the world, they will increasingly demand the best trained personnel. In the medium term India's surplus labour will coincide with labour shortages in many parts of the world giving it a chance to provide the workforces of the world. But the country can do this only if its trained personnel meet the quality standards demanded internationally. Thus, acquisition of skills is the future of the Indian job market and its global economic clout. The rate of technological advance has accelerated at an unprecedented place; accordingly, the development of skills through training should be the strategic response to technological change, globalization and other forces affecting labor markets. The new generation of technology, especially information and communications technologies and certain manufacturing processes has likely effect on productivity and on the demand for workers with higher-level skills and broader workplace competencies, who can command higher wages. The introduction of new

technologies has reduced the demand for unskilled labor and raised the value of advanced skills and competencies in the Industrialized Economies.

(ix) India, at present, is recognized as one of the younger nations in the world with over 50% of the population under the age of 30 years. It is estimated that by about 2025, India will have 25% of the world's total workforce. In order to make the full demographic dividend, India needs an education system which is of high quality, affordable, flexible and relevant to the individuals, as well as to the society as whole.

(x) It is estimated by the year 2025 half of the Indian population will be of working age which could give India age over other developed countries. However, this may turn into a disaster if a majority of a working age population remains employable due to lack of skills. There is a great demand supply mismatch as the economy needs much more skilled workforce than that is produced annually. To mitigate the challenge community colleges are the institutions that stands closest to the cross roads of higher education and the real world.

(xi) In India only 2% of the workforce of the organized sector has some kind of formal training. The estimation in west Bengal is even lesser than that. In the formal education system even if the gross enrolment ratio is increased to 30% by 2020 that would result to 50 million kids going to college. Still it will be required to empower 160 million kids through skills who won't reach college. Every year approximately 12.8 million people enter the labour force and the total available training capacity has only increased from 3.1 to 4.9 million. Even today there is a skill gap of approximately 8 million every year.

#### 4. **The Practice:**

The College has introduced Community College Division for skills development in Higher Education so the Department of Higher Education, Ministry of Human Resource Development, Government of India, to solve the problem. The college authority has taken following steps in regard.

- (i) Manufacturing thrust requires skills.
- (ii) Computer and language skills improve service sector employability.
- (iii) Need to remove tag of inferior stream for vocational.
- (iv) Need for new courses with high employability and new curriculum.
- (v) Education through ICT, industry partnerships, offers new opportunities.
- (vi) To Increase the employability.
- (vii) To develop entrepreneurship skill.
- (viii) To Provide for upward mobility in jobs and education.
- (ix) To be flexible in approach.
- (x) To provide for life-long learning.
- (xi) To engage the community in learning and skill imparting process.

#### 5. **Evidence of Success:**

- (i) We have introduced **two courses**: (a) Automobile Maintenance and Servicing (b) Health care
- (ii) We can able to do **MOU** with (a) TATA MOTORS (b) ROYAL ENFIELD (c) AMRI HOSPITAL – KOLKATTA

And **TIE-UP with** (a) Bhandari Auto-mobile (b) Lexus Motors (c) R.D. Motors (d) Ruby General Hospital (e) Mohananda Brambhachari Sishu-Seva Pratisthan (GOVT. W.B.) (f) Anandalok Hospital (g) Frank Roff (Emami Private Ltd)

(iii) All the students of both of the department have been absorbed by these Organizations.

#### 6. **Problems Encountered and Resources required:**

- i) Number of good students are required to run these projects.
- ii) Though the Financial help has come from UGC and MHRD, Govt. of India, more fund is required to run these projects properly.

**7. Note (Optional):**

We are trying to initiate our best efforts to help the society.

**8. Contact Details:**

Name of the Principal : Dr. Asim Kumar Bera  
Name of the Institution : Mahishadal Raj College  
City : Kolkata  
Pin code : 721628  
Accredited Status : "B" Level  
Work Phone : 03224 - 240220  
Website : [www.mahishadarajcollege.com](http://www.mahishadarajcollege.com)  
  
Mobile No : 9434964960  
Fax No. : 03224 -240220  
E – Mail ID : [principal.mrc1946@gmail.com](mailto:principal.mrc1946@gmail.com)

**Best Practice: 2**

1. **Title of the Practice:** Say "no" to agri-business,  
"Yes" to agriculture through "i5" Technique.

2. **The Goal:**

The goal of introducing the practice is to attract the students for developing the knowledge in the subject of Zoology as well as utilizing the knowledge for preparing the research based 'Model' in the different fields of Zoology. The aim of the college authority is to inspire the Students and Teachers of the Zoology Department of Create research environment in the department.

3. **The Context:**

- (i) We should not think only for our children but for our children's children. We need care for our only one Earth.
- (ii) We have to maintain a fine balance between our natural resources and its proper utilization.
- (iii) Global biodiversity are losing at tremendous rate.
- (iv) Now-a-days, no one thinks about agriculture but only thinks about agribusiness. Everyone thinks about money. No one thinks about nature, its sustainability, its losses and finally culture concerning rural cultivation system.
- (v) So the project model is based on that particular target to improve our production, maintain diversity, few innovative ideas, value based estimation – improve – re – introduction of ignored fruit species and finally introduction of information technology in agriculture at the gross root level.

4. **The Practice:**

The Teachers and students of the Zoology Department have taken some methodical steps for preparing the innovative model.

- (i) As the model is based on 5 – parts, so its name indicates – 25
- (ii) i1 = cultivation of indigenous variety of rice and eggplant
- (iii) i2= Promote the cultivation of ignored species fruit plant at rural area in situ.
- (iv) i3= Innovation hub 5 innovation through constant experiment by our college students to improve production, to reduce pesticide use, improve germination power, changing practice, irrigation method modification in potato.
- (v) i4= Indicator species-Locally we try to investigate to find out the local soil nutrient indicator species by using different species of earthworm, different species of isopoda and amphipod. Now every ignorant person can identify the nature and deficiency of soil parameter without any chemical test, its color testing but only by

following the earthworm hole its soil caste its appears. Now every famer of our locality can estimate the required nutrient for their won crop.

**5. Evidence of success:**

- (i) I5=information technology=every farmer is the scientist. Their knowledge, experience and every step are the original data of the research. But there is no such record of their research. We very farmer even formal uneducated farmer have to give a tablet. T
- (ii) He you just touch the figure of different item and the date will be automatically recorded. The information technology should be improve a lot and have to reach in every farmer. Alee the date of the entire field in all the day should be recorded and a very rich database should be maintained by our method.
- (iii) By giving talking book concept to the interior farmer we should to communicate with every farmer.
- (iv) By inelegance nose we propose such a device by which we can estimate the condition of different condition of different vegetable, fruit and other in the cold storage by sitting in our bedroom. By using different biosensor we can performed successfully.
- (v) So finally our model propose the i5 concept where propose only integrated concept can protect our agriculture, our biodiversity and finally our won very rich culture.

**6. Problems Encountered and Resources Required:**

- (i) To prepare such type of Project is not an easy task to do.
- (ii) An expanded time is needed to prepare the project.
- (iii) The college authority sanctioned some amount for the project.

**7. Notes (Optional):**

- (i) Stood first in model competition in the District Level.
- (ii) Stood first in model competition in the State Level.
- (iii) Stood first in model competition in National Level.

**8. Contact Details:**

Name of the Principal : Dr. Asim Kumar Bera  
Name of the Institution : Mahishadal Raj College  
City : Kolkata/ Haldia  
Pin code : 721628  
Accredited Status : B Level  
Work Phone : 03224-240220  
Website : [www.mahishadarajcollege.com](http://www.mahishadarajcollege.com)  
  
Mobile No : 9434964960  
Fax No. : 03224-240220  
E – Mail ID : [principal.mrc1946@gmail.com](mailto:principal.mrc1946@gmail.com)

**7.4. Contribution to environmental awareness / protection**

The environmental awareness/protection is the part of education of a student of the college. The college authority has taken following steps in this matter:

- i) Tree Plantation is essential to neutralize the harmful effects of the Green House Gas.
- ii) To protect the campus the students are prevented to use plastic in the campus.
- iii) Drinking water is protected. Purified drinking water is provided to maintain the hygiene of the students.
- iv) There is the arrangement for Hazardous Waste Management.
- v) Creation of over 65 decibelsound is prohibited as the intensity of sound over 65 db creates Heart Attack etc.

- vi) An Orientation Program has been conducted in the college for the students on how to save the society from social environmental pollution.
- vii) The NCC and NSS Units conduct the environmental awareness program in the locality.
- viii) Proper Management of Electricity.

7.5. Whether environmental audit was conducted?

Yes

☒

No

☐

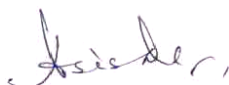
7.6. Any other relevant information the institution wished to add. (for example SWOT Analysis)

Nil

### 8. Plans of the institution for next year (2018 – 2019)

- Preparation of extension of affiliation of new subjects (UG course) from Vidyasagar University in Human Rights Education (Gen.).
- Preparation to obtain affiliation of new subjects (PG course) from Vidyasagar University, i.e., M.Sc. in physics.
- Preparation of online admission as per direction of the Govt. of W.B.
- Purchase of some land for extension of second campus.
- To monitor the improvement of swimming pool of the college.
- To start the admission of students in B.Voc. Courses a) Health Care b) Automobile servicing and maintenance, under the Community college division of Mahishadal Raj College.
- Purchase of Books from the UGC Fund and the Fund raised by the college.
- Purchase of Instruments from the UGC Fund and other funds raised by the college.
- To continue the Students' Orientation Program for environment consciousness.
- To organize the Program of Blood Donation Camp with the help of Students' Union, NCC and NSS of our college.

DR. ASIS DE



Signature of the Coordinator, IQAC

COORDINATOR  
IQAC  
MAHISHADAL RAJ COLLEGE



DR. ASIM KUMAR BERA



Signature of the Chairperson, IQAC

Principal  
MAHISHADAL RAJ COLLEGE

\*\*\*\*\*



## MAHISHADAL RAJ COLLEGE

Mahishadal, PurbaMedinipur

### Item:1.3Analysis of the Feedback from stake holders:

#### From Alumni :

The Alumni Association is a very important stake-holder of the College. The association is actively involved in all-round development programs of the college. The ex-students of our college have constituted this Alumni Association since 1997 with Registration Number S/1L/15938 of 2003-2004 as per *Registration of Societies West Bengal Act XXVI of 1961*.

A Biennial Conference was held on regular basis in the college campus in the first Sunday of every alternate February. The Alumni Association offer advises for improvement of the college in different fields. The Principal of the college has been trying to implement their advises in different fields.

#### From Parents :

Parents contribute significantly for the development of the college. The college always maintains healthy relationship with the guardians. They send different suggestions for development of the academic situation as well as the infrastructural facilities and others. The college authority takes steps in fulfilling the demands of the stakeholders.

#### From Students :

The Students of the college form the most important part of the college. They also place the demands in different purposes through the Students' Union, a Statutory Body, to the Principal of the college. The Principal of the college has been trying to fulfill their necessities and demands.

=====