



Jhargram Raj College
Government of West Bengal

Annual Quality Assurance
Report (AQAR)
for
2015-16

Prepared and Submitted by
Internal Quality Assurance Cell
Jhargram Raj College
Jhargram
West Bengal - 721507

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Part – A

AQAR for the year (*for example 2013-14*)

2015-16

1. Details of the Institution

1.1 Name of the Institution

JHARGRAM RAJ COLLEGE

1.2 Address Line 1

JHARGRAM

Address Line 2

RAGHUNATHPUR

City/Town

JHARGRAM

State

WEST BENGAL

Pin Code

721507

Institution e-mail address

principal@jrc.ac.in

Contact Nos.

+ 91 3221 255022/258700

Name of the Head of the Institution:

DR. DEBNARAYAN ROY

Tel. No. with STD Code:

+ 91 3221 255022/258700

Mobile:

09434508109

Name of the IQAC Co-ordinator:

PARTHAPRATIM MUKHERJEE

Mobile:

09830324256

IQAC e-mail address:

lqacjrc18@gmail.com

1.3 NAAC Track ID

NA

OR

1.4 NAAC Executive Committee No. & Date:

March 31, 2007/255

1.5 Website address:

<https://jrc.ac.in>

Web link to the AQAR

https://jrc.ac.in/working_folder/AQAR2015-16.pdf +

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	NA	2007	2007 - 2012

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

22.06.2013

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*)

- i. AQAR _____ 2011-2012 _____ (11/02/2016)
- ii. AQAR _____ 2012-2013 _____ (11/02/2016)
- iii. AQAR _____ 2013-2014 _____ (11/02/2016)
- iv. AQAR _____ 2014-2015 _____ (12/06/2018)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University

VIDYASAGAR UNIVERSITY

1.12 Special status conferred by Central/ State Government--

UGC/CSIR/DST/DBT/ICMR etc

NONE

Autonomy by State/Central Govt. / University

NONE

University with Potential for Excellence

NONE

UGC-CPE

NONE

DST Star Scheme

NONE

UGC-CE

NONE

UGC-Special Assistance Programme

NONE

DST-FIST

NONE

UGC-Innovative PG programmes

NONE

Any other (*Specify*)

NONE

UGC-COP Programmes

NONE

2. IQAC Composition and Activities

2.1 No. of Teachers

9

2.2 No. of Administrative/Technical staff

2

2.3 No. of students

1

2.4 No. of Management representatives

2

2.5 No. of Alumni

2

2.6 No. of any other stakeholder and
community representatives

2

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

18

2.10 No. of IQAC meetings held

NIL

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Student Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. Revisiting Romanticism; 2. Investor Awareness Programme; 3. Student's Seminar on "Issues in Accounting and Finance"; 4. Seminar on Pramanas in Nyaya And Vaisesika system; 5. Modern Trends in Yoga ; 6. One day workshop on Emerging trends in Physical Science; 7. Seminar on Snakes and Snakebites; 8. Seminar on 'Women Education: Past and Present'; 9. Seminar on "Awareness regarding gender sensitization".

2.14 Significant Activities and contributions made by IQAC

Processing Teachers' Career Advancement Scheme. 20 (twenty) teachers benefited.
 Helped teachers and office with preparation of arrear bills.
 Helped teachers with preparation of Income Tax statement and filing of the same.
 Organised seminars and workshops.
 Tree plantation programme.
 Observation of World AIDS DAY.
 Participation by students in Jangalmahal Utsav as a part of community work initiative.
 Observation of Women's Day.
 Campus cleaning.
 Anti-Tobacco campaign.
 Hospital and Bus stand cleaning by NSS units.
 Distribution of Notebooks to two nearby schools.
 Socio-economic survey conducted by NSS units at Sevayatan village, with special focus on Health and Sanitation and Snake-bites.

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 *

Plan of Action	Achievements
To make admission system fully online.	Admission system has been made fully online.
Processing Career Advancement Scheme files.	20 (twenty) teachers have this year benefited from IQAC's activity regarding CAS. Rest of the files are being processed. Data and documents submitted by teachers are being checked and verified.
Contribution to environment protection.	Tree plantation programme, anti-tobacco campaign and, awareness programme about snakes and snakebite have been organised.
Community work and social responsibility.	Participation of students in Jangalmahal Utsav as volunteers. Notebook distribution. Bus stand and hospital cleaning. Donation to flood victims. Day and night camping.
Gender sensitisation	Seminars on 1. "Awareness regarding gender sensitization" and 2. 'Women Education: Past and Present'.
Formation of alumni association	A group of alumni of Physics department gathered together on the occasion of farewell of a laboratory attendant and after informal discussion with the faculties, resolved to form an alumni association.

* *Academic Calendar of the year in Annexure II and III. (page 30 – 36)*

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The AQAR was placed in the Teachers' Council on 07.06.2018. The council after necessary deliberation, resolved that the AQAR was in order and could be readied for submission.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	3	0	0	0
UG	17	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	20	0	0	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

1.2 (i) Flexibility of the Curriculum: Core/Elective option

Flexibilities are offered within the rules and regulations of the University and existing college infrastructure.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	3
Trimester	
Annual	17

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

**Analysis of the feedback in Annexure V and IV (page 38 -39, 37)*

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

Syllabi of subjects taught in Under-Graduate and Post-Graduate courses were revised and updated by Vidyasagar University to which Jhargram Raj College is affiliated. The college followed the syllabi as devised by the University.

1.5 Any new Department/Centre introduced during the year. If yes, give details. NONE

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
79	55	24	0	

2.2 No. of permanent faculty with Ph.D.

36

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
14	16	01	0	0	04	0	0	15	20

2.4 No. of Guest and Visiting faculty and Temporary faculty

03	03	28
----	----	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	20	03
Presented papers	13	20	03
Resource Persons	00	02	03

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

NONE

2.7 Total No. of actual teaching days during this academic year

197

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

NONE

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

08

01

NIL

2.10 Average percentage of attendance of students

74

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG (HONS)	272	0	9.19	74.26	12.50	95.95
UG (GEN)	147	0	0.68	43.54	50.34	94.56
PG	57	0	87.72	12.28	0	100.00

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

IQAC suggests new methods of teaching. Encourages teachers to participate in faculty development programmes etc. IQAC meets regularly with student bodies and teachers' sub-committees entrusted to look after students' affairs.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	07
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	29	14	01	00
Technical Staff	21	24	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

IQAC encourages and facilitates teachers to undertake various research projects. Teachers do regularly participate in seminars, conferences, workshops etc. They publish their works regularly in peer-reviewed international and national journals.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	2	1	NIL
Outlay in Rs. Lakhs	NIL	55	22.10	NIL

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	6	NIL	1
Outlay in Rs. Lakhs	2.25	9.165	NIL	2.25

3.4 Details on research publications

	International	National	Others
Peer Review Journals	37	10	00
Non-Peer Review Journals	00	00	03
e-Journals	00	00	00
Conference proceedings	02	02	01

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	5,3,3	DBT, DST-SERB, DBT-BOOST	Rs 10210000	Rs 6400000
Minor Projects	2,2,2,2	UGC	Rs 1221500	Rs 1099000
Interdisciplinary Projects	NIL	NA	NIL	NIL
Industry sponsored	NIL	NA	NIL	NIL
Projects sponsored by the University/ College	NIL	NA	NIL	NIL
Students research projects <i>(other than compulsory by the University)</i>	NIL	NA	NIL	NIL
Any other(Specify)	NIL	NA	NIL	NIL
Total			Rs 11431500	Rs 7499000

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from : NA

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

3.9 For colleges:

Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number					9
Sponsoring agencies					College, University

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

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

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

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
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

03

09

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

NIL

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

JRF NIL SRF 02 Project Fellows 06 Any other NIL

3.21 No. of students Participated in NSS events:

University level NIL State level NI

National level NIL International level NIL

3.22 No. of students participated in NCC events:

University level NA State level NA

National level NA International level NA

3.23 No. of Awards won in NSS:

University level NIL State level NIL

National level NIL International level NIL

3.24 No. of Awards won in NCC: NA

University level NA State level NA

National level NA International level NA

3.25 No. of Extension activities organized

University forum NA College forum NONE

NCC NA NSS 06 Any other NONE

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

- Donation to flood victims.
- Cleaning Activity conducted at Jhargram Sub-divisional Hospital.
- 30 Male Volunteers and 20 Female Volunteers of NSS Units, Jhargram Raj College, were employed at the Jangalmahal Utsav 2016 (05 – 09 January, 2016).
- Cleaning Activity conducted at Jhargram Central Bus Stand.
- Visit to Sevayatan – Socio-economic survey conducted at Sevayatan village, with special focus on Health and Sanitation and Snake-bites.
- Distribution of notebooks to primary school students at Sevayatan Junior Basic School and Kechanda Part Basic School.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	313 acre	0	Land Donated by Malladeb King of Jhargram and since 1949 under Deptt. Of Higher Education, Govt. Of West Bengal	313 acre
Class rooms	37	0	Govt. Of West Bengal	37
Laboratories	32	0	NA	32
Seminar Halls	1	0	NA	1
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	48	15	UGC, State Govt., DBT-BOOST	63
Value of the equipment purchased during the year (Rs. in Lakhs)		33.19	UGC, DBT, State Govt.	33.19
Others	NIL	NIL	NA	NIL

4.2 Computerization of administration and library

- Bills and accounts of College office is being increasingly maintained and processed through Human Resource Management System (HRMS).
- Students' admission procedure has been made fully online.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	110026	24501975	472	150000	110498	24651975
Reference Books	1850	1177447	0	0	1850	1177447
e-Books	0	0	0	0	0	0
Journals	4	12500	0	0	4	12500
e-Journals	0	0	0	0	0	0
Digital Database	42587	0	0	0	42587	0
CD & Video	117	0	2	0	119	0
Others (specify)	0	0	0	0	0	0

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	IQAC
Existing	36	1	3	0	0	9	44	2
Added	07	0	2	0	0	0	0	0
Total	43	1	5	0	0	9	44	2

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

A major networking project have been undertaken to link all the departments and office via LAN.
All the departments have been provided with internet facility.

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.40
ii) Campus Infrastructure and facilities	92.70
iii) Equipments	33.19
iv) Others	11.61
Total :	137.90

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC supervises and monitors the student support system. The college prospectus given on the college website provides information about the facilities available for the students. IQAC works in close association with the office and Teachers' Council and makes sure that amenities such as hostels, common rooms, discipline, drinking water facilities etc, are maintained properly. Also, IQAC ensures that the students are informed about various scholarships and encouraged to apply for these.

5.2 Efforts made by the institution for tracking the progression

Apart from regular university examination, as the part of continuous internal evaluation, the departments conduct tests and tutorials and special classes. Students' attendance is checked daily in every class. Departments hold meetings with parents. Teachers actively counsel the students regarding present curriculum as well as their future prospects.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1627	158	0	0

(b) No. of students outside the state

NIL

(c) No. of international students

NIL

No	%
1087	61

Men

No	%
698	39

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1426	245	231	161	03	2066	864	273	205	442	01	1785

Demand ratio

3.6 : 1

Dropout %

15.67

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Teachers take effort to help students preparing for competitive examinations.

No. of students beneficiaries

No Report

5.5 No. of students qualified in these examinations*

NET	01	SET/SLET	No Report	GATE	02	CAT	No Report
IAS/IPS etc	No Report	State PSC	No Report	UPSC	No Report	Others	01 (JEST)

*(Figures given are only what have been reported)

5.6 Details of student counselling and career guidance

Informal counselling for future scope is regularly informed to the students by every department.

No. of students benefitted

No Report

5.7 Details of campus placement: NA

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
NIL	NIL	NIL	No Report

5.8 Details of gender sensitization programmes

Seminars on 1. "Awareness regarding gender sensitization" and 2. 'Women Education: Past and Present' were organised.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	NIL	NIL
Financial support from government	946	6036720
Financial support from other sources	4	18080
Number of students who received International/ National recognitions	NIL	NIL

5.11 Student organised / initiatives

Fairs:	State/ University level	NIL	National level	NIL	International level	NIL
Exhibition:	State/ University level	NIL	National level	NIL	International level	NIL

5.12 No. of social initiatives undertaken by the students

2

5.13 Major grievances of students (if any) redressed:

No major grievances reported.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The college since its inception has been serving the districts of Medinipur and the greater portions of Manbhum (comprising of the districts of Purulia and Bankura). Trees, shrubs and bushes and, hills and hillocks amidst a red earth and, the tribes living here are what distinguish this area from other parts of the state.

Jhargram Raj College being a government college offering quality education programmes at UG as well as a few PG levels takes a special place in the area. Many students of this college come from extremely poor families and under-privileged sections of the society, and are often the first-generation learners. Their requirements are way different from that of the students belonging to middle class and comparatively well-to-do families. To achieve what is required of it, Jhargram Raj College functions accordingly to impart good and quality education in particular and contribute towards social welfare in general.

The college consistently works towards:

- Spreading education and awareness.
- Making youths socially responsible and able to undertake the social responsibilities that are demanded of a good citizen.
- Grooming students as sensitive men and women.
- Providing a process of learning via activities that cross-links the society with education.
- Imparting values that lead to accountability for the society at large.
- Inculcating a sense of understanding for self as well as for others.

6.2 Does the Institution have a management Information System

Although the college does not have a fullscale management information system, the requirements are partially fulfilled through the use of Human Resource Management System (HRMS) which is currently in use for billing purposes.

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

6.3.1 Curriculum Development

Jhargram Raj College being affiliated to Vidyasagar University, cannot develop curricula of its own. However, some faculties participate in the Board of Studies of the university and take part in curriculum development process.

6.3.2 Teaching and Learning

Educative film and documentary shows are conducted. Materials downloaded from websites are given to the students. Students' seminars are organised.

6.3.3 Examination and Evaluation

Tutorials and surprise tests are conducted as a part of continuous students' evaluation. Students' seminars supplement the regular process of evaluation.

6.3.4 Research and Development

Faculties are encouraged to contact various funding agencies and undertake research programmes. The institute inspires them to participate in seminars, symposia, workshops etc. They are motivated to publish their research works in reputed journals. The institute regularly sends faculties to refresher courses and orientation programmes.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library uses computers and networking facilities provided by the college. It uses LYBSIS software and INFLIBNET.

Overhead projectors and other accessories are used in E-classrooms and seminar halls.

New equipments have been purchased to update the laboratories.

New instruments and arrangements have taken place to update sports facilities.

6.3.6 Human Resource Management

- Attendance records of teaching and non-teaching staff are maintained.
- Database related to staff and billing accounts is maintained through Human Resource Management System (HRMS).
- Teachers actively help academic as well as administrative needs. Periodic meetings of the Teachers' Council, Departmental Heads, Intra-department meetings and, meetings of different sub-committees are held and proper actions are taken. The administrative Head and teachers often join hands with support staff to expedite work.
- Regular notifications are issued through Notice Boards and the College website.
- Teachers are motivated to regularly participate in various Faculty Improvement programmes such as summer/winter schools, workshops, refresher and orientation courses conducted by Academic Staff Colleges of various universities and institutions. This year 13 teachers benefited from such programmes.
- IQAC continuously processes papers of the teachers whose promotion vide CAS as and when falls due. This year 20 teachers have benefited from this exercise.

6.3.7 Faculty and Staff recruitment

Recruitments of teaching and non-teaching staff are made under the recruitment policy of the Government of West Bengal at the recommendation of West Bengal Public Service Commission and West Bengal Staff Selection Commission respectively. Services of the incumbents are transferable from one government institute to another.

6.3.8 Industry Interaction / Collaboration

None

6.3.9 Admission of Students

Completely computerised, merit-based and, fully online admission system. Proper course counselling takes place at the time of admission. The college strictly adheres to the rules and regulations of Vidyasagar University and Department of Higher Education, Govt. of West Bengal.

6.4 Welfare schemes for Teaching	West Bengal Health Scheme, Group Insurance, medical allowance, General Provident Fund
Non teaching	West Bengal Health Scheme, Group Insurance, medical allowance, General Provident Fund, Festival advances.
Students	Various scholarships and Stipends

6.5 Total corpus fund generated

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	Authority
Academic	No	NA	No	NA
Administrative	No	NA	No	NA

6.8 Does the University/ Autonomous College declares results within 30 days? NA

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association

Although no alumni association has been formed, teachers do keep in contact with some of the alumni. Efforts to form an alumni association is in progress. Physics department alumni have resolved to form an alumni association.

6.12 Activities and support from the Parent – Teacher Association

There is no formal Parent-Teacher association. But, various departments hold Parent-Teacher meetings.

6.13 Development programmes for support staff

None.

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

- Provision of waste-disposal system by maintaining litter bins at suitable points.
- Efforts to make the college premises plastic-free zone.
- Regular cleaning of campus by NSS units besides the daily works of the sweepers.
- Tree plantation programmes.
- Bringing awareness to students through Environment Studies Programme as a part of the regular curriculum.

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.

Completely online admission system.
Greater use of computers and new equipments in the laboratories.
All the departments have been provided with internet facility.

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

Plan of Action	Achievements
<p>To make admission system fully online.</p> <p>Processing Career Advancement Scheme files.</p> <p>Contribution to environment protection.</p> <p>Community work and social responsibility.</p> <p>Gender sensitisation</p> <p>Formation of alumni association</p>	<p>Admission system has been made fully online.</p> <p>20 (twenty) teachers have this year benefited from IQAC's activity regarding CAS. Rest of the files are being processed. Data and documents submitted by teachers are being checked and verified.</p> <p>Tree plantation programme, anti-tobacco campaign and, awareness programme about snakes and snakebite have been organised.</p> <p>Participation of students in Jangalmahal Utsav as volunteers. Notebook distribution. Bus stand and hospital cleaning. Donation to flood victims. Day and night camping.</p> <p>Seminars on 1. "Awareness regarding gender sensitization" and 2. 'Women Education: Past and Present'.</p> <p>A group of alumni of Physics department gathered together on the occasion of farewell of a laboratory attendant and after informal discussion with the faculties, resolved to form an alumni association.</p>

7.3 Give two Best Practices of the institution

<p>A. Livelihood Development of Tribal Community Through Sustainable Management of Plant Resources.</p> <p>B. Cleanliness Drive.</p>
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(*The details in annexure VI) (Page: 40 – 46)

7.4 Contribution to environmental awareness / protection

- Provision of waste-disposal system by placing litter bins at suitable points.
- Efforts to make the college premises plastic-free zone.
- Regular cleaning of campus by NSS units besides the daily works of the sweepers.
- Tree plantation programmes.
- Works of Botany department regarding useful and important plants of the area.
- Bringing awareness to students through Environment Studies Programme as a part of the regular curriculum.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add.

STRENGTHS

West Bengal Public Service Commission through its well-designed selection procedure recommends teachers to the Higher Education Department which in turn posts them to Jhargram Raj College. This ensures that the college gets a set of extremely dedicated, highly motivated and enterprising teachers who help maintain consistently good academic standards.

The college has good hostel accommodation for both UG and PG level students.

Almost 30 percent of the students come from poor and backward strata of the society and a significant portion of them are from tribal background. Thus, the college is in position to serve the underprivileged sections of the society to a great extent.

Fee structure of the college is very nominal which helps poor students.

WEAKNESSES

Inadequate number of classrooms.

Dependence on Public Works Department for civil and electrical works severely restricts expansion and maintenance of civil and electrical infrastructure.

The college often faces a shortage of manpower due to transfers of teachers and non-teaching staff.

Being a government college, it cannot generate its own funds.

OPPORTUNITIES

Well stocked library and its computerised facilities are of great help for both the students and teachers.

Different extension programmes and regular NSS activities help a broader awareness for the students and create a sense of association between people of the locality, particularly poor villagers.

PSC's selection policy ensures appointment of good, efficient and enterprising personnel in the college.

CHALLENGES

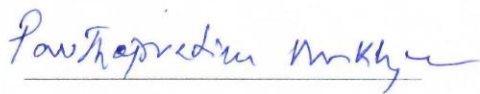
Extension and maintenance of civil and electrical infrastructural facilities

Arranging funds for implementing important plans and projects of the college.

8. Plans of institution for next year

Greater involvement in extension and community works.
More laboratory equipments.
Formation of Alumni Association.
Expedite the process of Career Advancement of Teachers through CAS.
Arrange more seminars, workshops, symposia etc.

Name Parthapratim Mukherjee



Signature of the Coordinator, IQAC

Coordinator
Internal Quality Assurance Cell
Jhargram Raj College
Jhargram, Paschim Medinipur
W.B. 721507

Name Dr Debnarayan Roy



Signature of the Chairperson, IQAC

OFFICER - IN - CHARGE
JHARGRAM RAJ COLLEGE

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
JAM	-	Joint Admission Test for M.Sc.
JEST	-	Joint Entrance Screening Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure II: Academic Calendar of Vidyasagar University for 2015-2016

VIDYASAGAR UNIVERSITY
 Midnapore - 721102
ACADEMIC CALENDER FOR U.G. COLLEGES [BA/B.Sc./B.Com: Honours/Major/General]
 For the academic session 2015-2016
 1st Term 01.07.2015 to 14.11.2015

Secretary
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 VIDYASAGAR UNI

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no class Days	No. of days available for holding Class/Exam.	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July-2015	1 st	July (1-4)	Nil	Nil	4 days	
	2 nd	July (5-11)	05.07.2015 (Sunday)	1 day	6 days	
	3 rd	July (12-18)	12.07.2015 (Sunday) 18-07-2015 (Rathajatra & Id-Ul-Fitre)	2 days	5 days	13.07.2015- Commencement of 1 st year B.A./B.Sc./B.Com classes.
	4 th	July (19-25)	19.07.2015 (Sunday)	1 day	6 days	21.07.2015- Starting day of admission of 2 nd & 3 rd year B.A./B.Sc./B.Com students.
July - August 2015	5 th	July 26 - Aug - 01	26.07.2015 (Sunday)	1 day	6 days	27.07.2015- Commencement of 2 nd & 3 rd year B.A./B.Sc./B.Com classes. 31.07.2015 - Last date of Admission of 1 st year B.A./B.Sc./B.Com students
August - 2015	6 th	August (2-8)	02.08.2015 (Sunday)	1 day	6 days	

..... College / Mahavidyalaya



[Signature]

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	7 th	August (09-15)	09.08.2015 (Sunday) 15.08.2015 (Independence day)	2 days	5 days	14.08.2015 - Last date of change of subjects for 1 st year B.A./B.Sc./ B.Com students
	8 th	August (16-22)	16.08.2015 (Sunday)	1 day	6 days	18.08.2015 - Last date of submission of academic auditing report to V.U.
	9 th	August (23-29)	23.08.2015 (Sunday)	1 day	6 days	28.08.2015 - Last date of Admission for 2 nd & 3 rd year B.A./B.Sc./B.Com students. 29.08.2015-Last date of filling up of Registration forms for 1 st year B.A./B.Sc./B.Com students.
August - September - 2015	10 th	August 30- Sept- 05	30.08.2015 (Sunday) 05-09-2015 (Janmastami)	2 days	5 days	04.9.2015 - Last date of submission of Teachers' Bio data to Vidyasagar University.
September - 2015	11 th	September (06-12)	06.09.2015 (Sunday)	1 day	6 days	1 st week of September Inter College Cultural Meet.
	12 th	September (13-19)	13.09.2015 (Sunday)	1 day	6 days	
	13 th	September (20-26)	20.09.2015 (Sunday) 25.09.2015 (Id-Uz-Zuha)	2 days	5 days	23.09.2015 - Last date of submission of registration form to Vidyasagar University by the college for 1 st Year B.A./B.Sc./B.Com students. <u>Without fine.</u>



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Sept. - Oct. - 2015	14 th	Sept.-27 Oct. -03 ✓	27.09.2015 (Sunday) 29.09.2015 (University Foundation Day) 02.10.2015 (Gandhiji's Birth Day)	3 days	4 days	
October-2015	15 th	October (04-10)	04.10.2015 (Sunday)	1 day	6 days	
	16 th	October(11-17)	11.10.2015 (Sunday) 12.10.2015 (Mahalaya)	2 days	5 days	16.10.2015 – Last date of submission of registration form to Vidyasagar University by the college for 1 st Year B.A./B.Sc./B.Com students with fine.
	17 th	October(18-24)	18.10.2015 (Sunday) 19-10-2015 -24-10-2015 (Puja Holiday) 24.10.2015 (Muharram)	7 days	Nil	
October-2015	18 th	October (25-31)	25.10.2015 (Sunday) 25.10.2015-27.10.2015 (Puja Holiday)	3 days	4 days	
November-2015	19 th	November (1-7)	01.11.2015 (Sunday)	1 day	6 days	
November-2015	20 th	November (08-14)	08.11.2015 (Sunday) 10.11.2015-13.11.2015 (Kalipuja-Bhatridwiya)	5 days	2 days	
				38 Days	99 Days	



2nd Term 15.11.2015 to 01.01.2016

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November-2015	21 st	November (15-21)	15.11.2015 (Sunday)	1 day	6 days	
	22 nd	November (22-28)	22.11.2015 (Sunday) 25.11.2015 (Guru Nanak's Birthday)	2 days	5 days	Internal Assessment Test for Part-I Hons to be held
November-December 2015	23 rd	Nov-29-Dec-05	29.11.2015 (Sunday)	1 day	6 days	30.11.2015 – Last date of submission of registration form to Vidyasagar University by college for 1 st Year B.A./B.Sc./B.Com students with super delay fine.
December 2015	24 th	December (06-12)	06.12.2015 (Sunday)	1 day	6 days	
	25 th	December (13-19)	13.12.2015 (Sunday)	1 day	6 days	Internal Assessment Test for Part-II Hons to be held
	26 th	December (20-26)	20.12.2015 (Sunday) 24.12.2015 (Fateha-duaz-daham) 25.12.2015 to 26.12.2015 (Winter Recess) 25.12.2015 (Christmas Day)	4 days	3 days	Internal Assessment Test for Part-III Hons to be held
Dec -2015 Jan-2016	27 th (Part)	Dec-27- Jan -01	27.12.2015 to 01.01.2016 (Winter Recess)	6 days	Nil	
				16 Days	32 Days	



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3rd Term 02.01.2016 to 30.06.2016

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no Class Days	No. of days available for holding Class/Exam.	Remarks
January-2016	27 th (Part)	January 2	Nil	Nil	1 day	
	28 th	January (3-9)	03.01.2016 (Sunday)	1 day	6 days	
	29 th	January (10-16)	10.01.2016 (Sunday) 12.01.2016 (Swami Vivekanada's Birthday) 15.01.2016 (Pous Shankranti)	3 days	4 days	
	30 th	January (17-23)	17.01.2016(Sunday) 23.01.2016(Netaji Birth Day)	2 days	5days	<i>Internal Assessment Test for Part-Hons to be held</i>
	31 st	January(24-30)	24.01.2016(Sunday) 26.01.2016(Republic Day)	2 days	5days	
January-February 2016	32 nd	January -31 - February -06	31.01.2016(Sunday)	1 day	6 days	<i>Internal Assessment Test for Part-General to be held</i>
February-2016	33 rd	February (07-13)	07.02.2016 (Sunday) 13.02.2016(Saraswati Puja)	2 days	5 days	
	34 th	February (14-20)	14.02.2016(Saraswati Puja) 14.02.2016 (Sunday)	2 days	5 days	
	35 th	February (21-27)	21.02.2016(Sunday)	1 day	6 days	05.03.2016-Closing of 3 rd Year B.A./B.Sc./B.Com classes. <i>Internal Assessment Test for Part-to be held</i>



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	48 th	May (22-28)	22.05.2016 (Sunday) 22.05.2016-28.05.2016 (Summer recess)	7 days	—	Exam., administrative work, academic task, etc.
May - June-2016	49 th	May-29- June-04	29.06.2016 (Sunday) 29.05.2016-04.06.2016 (Summer recess)	7 days	—	Exam., administrative work, academic task, etc.
June-2016	50 th	June (05-11)	05.06.2016 (Sunday) 05.06.2016-11.06.2016 (Summer recess)	7 days	—	Exam., administrative work, academic task, etc.
	51 st	June(12-18)	12.06.2016 (Sunday) 12.06.2016- 18.06.2016 (Summer recess)	7 days	—	Exam., administrative work, academic task, etc.
	52 nd	June(19-25)	19.06.2016 (Sunday) 19.06.2016-25.06.2016 (Summer recess)	7 days	—	Exam., administrative work, academic task, etc.
	53 rd	June(26-30)	26.06.2016 (Sunday) 26.06.2016-30.06.2016 (Summer recess)	5 days	—	Exam., administrative work, academic task, etc.
				77days	102 days	

Total no. of days available for holding classes/examination: $99+32+102=233$ days.

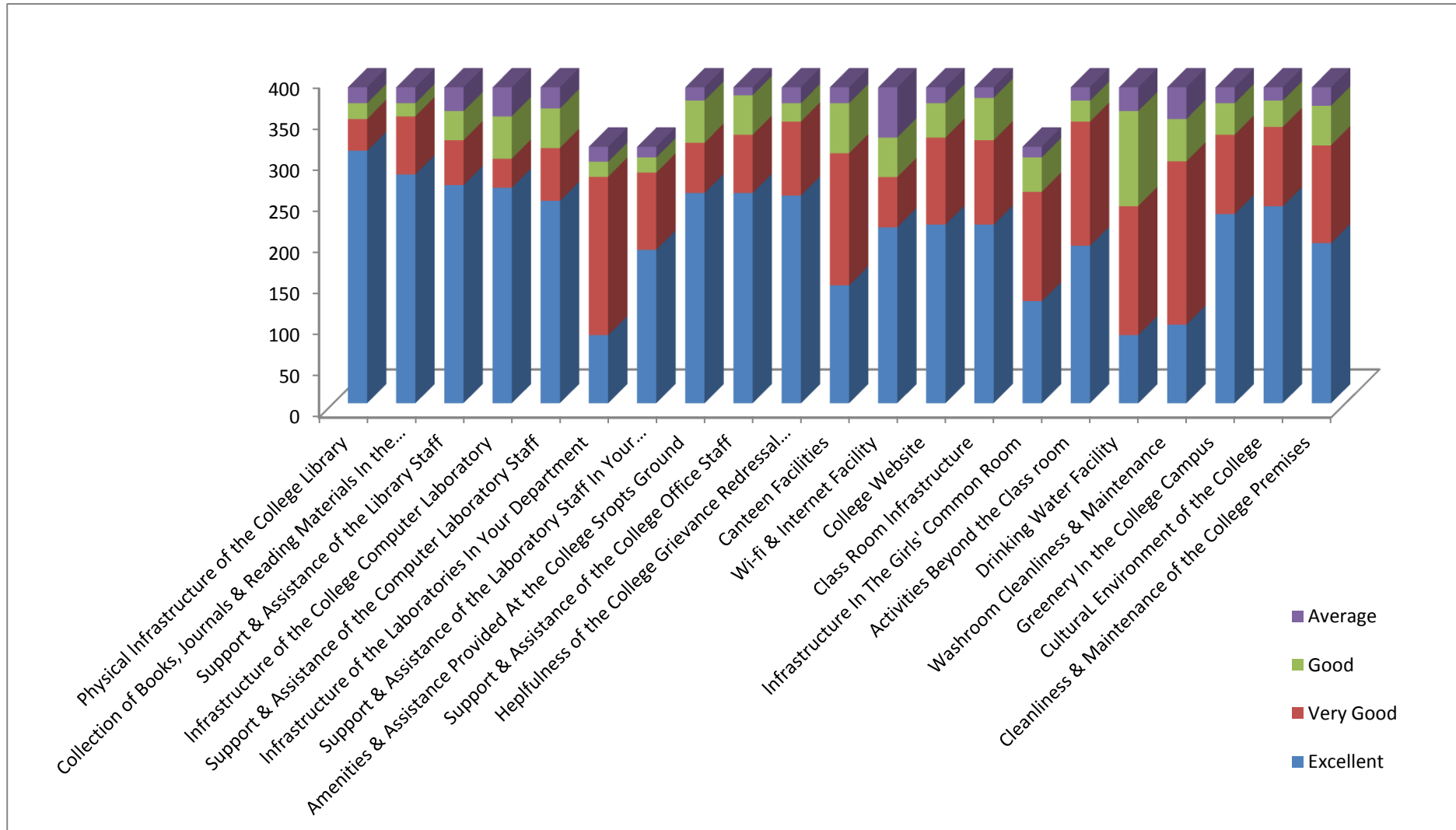
Principal/Teacher -in-Charge(s) are requested to follow the academic calendar strictly. Any deviation from the specified list of holidays will not be allowed unless prior approval is obtained from the Secretary, U.G. Council, Vidyasagar University. This academic calendar is provisional.

Annexure III: Academic Calendar of Jhargram Raj College for 2015-2016

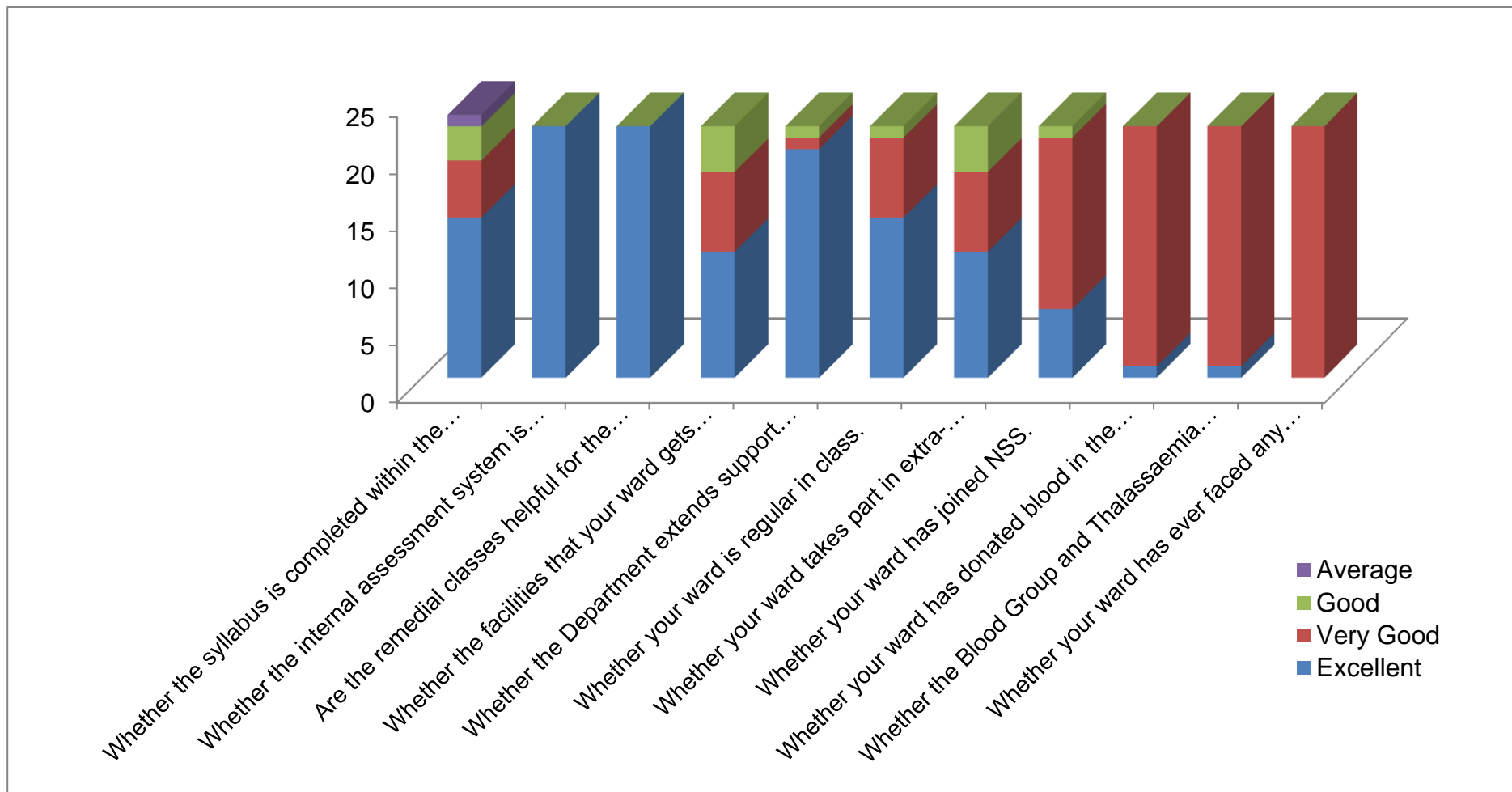
EVENT SCHEDULE	B. A. / B. SC. / B. COM.			M. A. / M. SC.	
	PART-I	PART-II	PART-III	SEMESTER-I & SEMESTER-III	SEMESTER-II & SEMESTER-IV
Publication of Class Routine	July (Week-1)	July (Week-1)	July (Week-1)	July (Week-1)	Not Applicable
Commencement of Classes	July (Week-2)	July (Week-2)*	July (Week-2)*	July (Week-3)	Not Applicable
Change of Subjects and/or subject combinations (if any)	As per VU dates	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Filling up of Registration forms and submission	As per VU dates	Not Applicable	Not Applicable	As per VU dates	Not Applicable
Independence Day	August 15, 2015, Saturday (Flag hoisting, a small cultural programme by the students)				
Freshers' Welcome	August 3 rd Week 2015				
VU Registration process	As per VU dates	As per VU dates	As per VU dates	As per VU dates	As per VU dates
Puja Recess	From October, Week-2 to November, Week-3 [Semester-I and Semester-III classes for all the PG departments to continue in accordance with a special recess-period class routine prepared by the respective PG department; the classes to be organised on all weekdays barring National and State holidays.]				
Internal Assessment-1 (Honours & PG)	Honours only (November, Week-4)	Honours only (November, Week-4)	Honours only (November, Week-4)	Semesters I and III (November, Week-4)	Not Applicable
Internal Assessment-1 (General)	December (Week-1)	December (Week-1)	December (Week-1)	Not Applicable	Not Applicable
Parent-Teachers Meeting ²	December (Week-2)	December (Week-2)	December (Week-2)	Not Applicable	Not Applicable
Annual Sports Meet	December (Week-3)				
Students' Seminar ²	Departments to organize presentations by students during January (Week-1 and Week-2) alongside the regular classes.				
Field trips / excursions / Lab visits (Department Specific)	Not Applicable	Not Applicable	January (Week-1/2)	January (Week-1/2) [Only for PG Semester-III]	Not Applicable
Internal Assessment-2 (Honours & PG)	Honours only (January, Week-3)	Honours only (January, Week-3)	Honours only (January, Week-3)	Semesters I and III (January, Week-3)	Not Applicable
Examination Form Fillup (PG only)	Not Applicable	Not Applicable	Not Applicable	Semester-I & Semester-III (January, Week-3)	Not Applicable
Final Examination (PG only)	Not Applicable	Not Applicable	Not Applicable	Semester-I & Semester-III (January, Week-2)	Not Applicable
Annual Cultural Programme	January (Week-4)				
Examination Form Fillup (UG only)	As per VU dates	As per VU dates	As per VU dates	Not Applicable	Not Applicable
Commencement of Classes	Not Applicable	Not Applicable	Not Applicable	Not Applicable	February, Week-2
University Examinations	As per VU dates	As per VU dates	As per VU dates	Not Applicable	Not Applicable
Summer Recess	From May, Week-2 to June, Week-4 [Semester-II and Semester-IV classes for all the PG departments to continue in accordance with a special recess-period class routine prepared by the respective PG department; the classes to be organised on all weekdays barring National and State holidays. Internal Assessment for PG Semesters II and IV to be conducted by the respective departments within this period.]				
Admission to UG and PG	June (Weeks-2, 3, 4)	Not Applicable	Not Applicable	PG Admission Test (June, Week-3); admission to PG Semester-1 (July, Week-1) ¹	Not Applicable

¹Subject to change in accordance with VU notifications ²Deptts may arrange as and when necessary * Admissions to the corresponding classes according to the VU schedule
 B. A. / B. SC. / B. COM.: 3rd year classes to close during March (Week-1); 2nd year classes to close during March (Week-3); 1st year classes to close during April (Week-1).

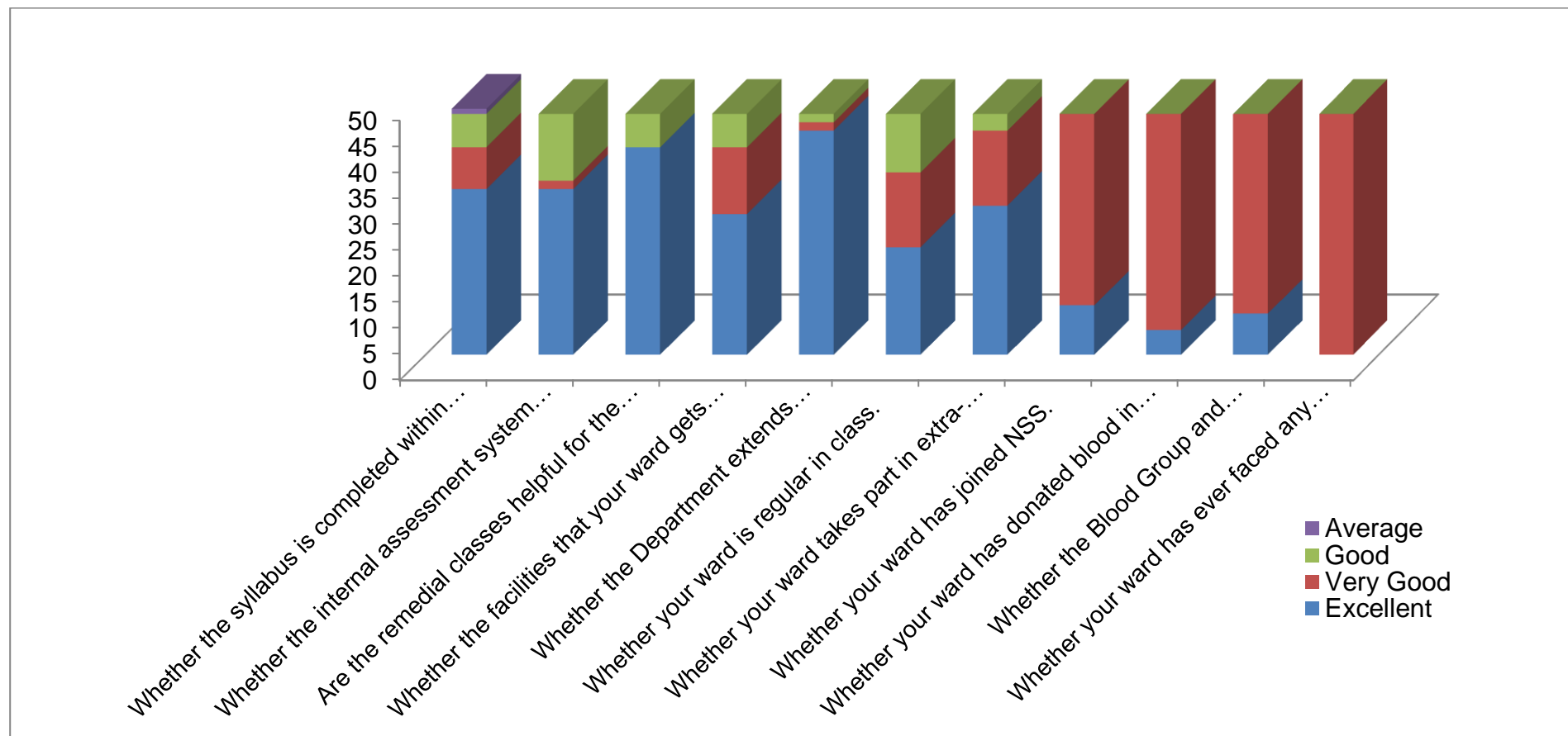
Annexure IV: Analysis of Students' Feedback – 2015-16



Annexure V: Analysis of Parents' Feedback – 2015-16 – 1st Year



Analysis of Parents' Feedback – 2015-16 – 2nd Year



Annexure VI: Best Practices

A. Livelihood Development of Tribal Community Through Sustainable Management of Plant Resources.

1. Title of the Practice:

LIVELIHOOD DEVELOPMENT OF TRIBAL COMMUNITY THROUGH SUSTAINABLE MANAGEMENT OF PLANT RESOURCES.

2. Objectives of the Practice:

- I) Documentation of ethno-medicinal uses in tribal dominated areas of Jhargram and adjoining districts;
- II) Organisation of awareness cum orientation camp on conservation of medicinal plants in tribal dominated areas;
- III) *Ex-situ* conservation of endangered medicinal plants by tribal people;
- IV) Organisation of handholding training on perennial and seasonal vegetable cultivation at home gardens of tribal community to ensure food and nutritional security round the year;
- V) Soil testing for better soil nutrient management & cultivation;
- VI) Forecasting weather report on regular interval to assist local farmers.

3. The Context:

The surrounding areas of Jhargram are enriched with a vast heritage of biodiversity and traditional use of phyto-medicines practiced by various groups of ethnic people. Indigenous communities have preserved their traditional knowledge on the uses and management of wild plant resources. The traditional wisdom regarding the use of medicinal plants is not only useful for conservation of cultural traditions, but also for community health care and use of drugs for the common people. The tribal people collect different varieties of fruits, bulbs, mushrooms, medicinal plants, honey and many other consumable natural resources from the forest and sell them to local markets thereby providing opportunities for cultural, social and technical education in improving the quality of family and community life by income as well. Such knowledge, mostly unwritten, is passed on to generations and thus appears to be eroding owing to the gradual changes in the life style of these communities.

4. The Practice:

Extensive field surveys are done in the forest areas in the Jhargram and adjoining districts for gathering knowledge of ethnobotanical value of different plants used by the different ethnic tribes like - Santals, Lodhas, Sabar, Mundas etc. in their daily life. Methodologies as suggested by Jain and Ford have been followed for collecting information by conducting structured questionnaire-based interviews of such knowledgeable informants like traditional healers (the local medicine men *i.e.* Ojha, Baidya, Kaviraj), middle-aged housewives, senior wise men/women. Apart from these, organisation of awareness cum orientation camp and conservation on medicinal plants in tribal dominated areas, their *Ex-situ* conservation, organisation of handholding training, training on soil testing for better soil nutrient management & cultivation are done as a biannual norm. Meticulous forecasting weather report on a regular basis is done to assist local farmers.

5. Evidence of Success:

List of medicinal plant species came out during surveys with their scientific name, parts used and disorder/disease name, to which plants are used.

Name of Disease	Plant	Parts Used
Blood Sugar	<i>Terminalia arjuna</i> Roxb.	Bark
	<i>Gymnema sylvestre</i> R. Br.	Leaf
	<i>Syzygium cumini</i> L.	Seed
	<i>Averrhoa carambola</i> L.	Fruit
	<i>Murraya koenigi</i> L.	Leaf
	<i>Murraya paniculata</i> L. Jack	Leaf
	<i>Andrographis paniculata</i> Burn. F. Wall ex. Nees	Plant body
	<i>Mamordica charantia</i> L.	Fruit
	<i>Moringa oleifera</i> Lam.	Leaf
	<i>Catharanthus roseus</i> I. G. Don	Leaf
<i>Swietenia macrophylla</i> King	Seed	
Chicken Pox	<i>Azadiracta indica</i> A. Juss	Leaf
	<i>Oroxylum indicum</i> L. Benth. Ex Kurz	Bark
	<i>Curcuma longa</i> L.	Rhizome
	<i>Acorus calamus</i> L.	Root
	<i>Mimosa pudica</i> L.	Root
	<i>Zingiber officinale</i> Roscoc	Rhizome
	<i>Cocos nucifera</i> L.	Endosperm
	<i>Santalum album</i> L.	Stem
	<i>Litsea sebifera</i> Pers.	Root
	<i>Solanum sisymbriifolium</i> Lam.	Root
Jaundice	<i>Glycosmis pentaphylla</i> Retz. DC	Leaf
	<i>Cajanus cajan</i> (L.) Millsp.	Leaf
	<i>Sacharomycis officinalis</i> L.	Stem

	<i>Tephrosia purpurea</i> L. Pers	Leaf
	<i>Adhatoda vasika</i> L.	Leaf
	<i>Raphanus sativus</i> L.	Stem
	<i>Asparagus racemosas</i> Willd.	Root
	<i>Hemidesmus indicus</i> S.L.R. Br.	Root
	<i>Calotropis gigantic</i> L.	Leaf
	<i>Croton bonplandianum</i> L.	Latex
	<i>Carica papaya</i> L.	Fruit

List of surveyed plant species which are used for making different things for daily life.

Sl. No.	Scientific name	Local name	Used for
	Whole plant		
1	<i>Aristida setacea</i> Michx	Bena khanrha	Jhata, puffed rice making brash
2	<i>Desmostachis bipinnata</i> (L.) Stapf.	kush	Jhata, Buskect
3	<i>Oryza sativa</i> L.	kharh	Making rope, hut
4	<i>Saccharum sara</i> Retz.	sar	Jhata
5	<i>Sida cordifolia</i> Roxb.	Swet berela	Jhata
	Stem		
1	<i>Acacia auriculiformis</i> Roxb.	sonajhuri	Furniture
2	<i>Aegle maemelos</i> L.	bel	'Mugur'
3	<i>Alangium salvifolium</i> (L.f.) Wangeri	Ankrha	furniture
4	<i>Albizzia lebbeck</i> L.	Siris	Furniture, agri tools
5	<i>Artocarpus heterophyllus</i> Lam	Kanthal	Furniture, door
6	<i>Azadiracta indica</i> A. Juss	nim	Furniture, door, window
7	<i>Bambusa balcooa</i> Roxb.	Valki bans	Hut, gorur gari, agri tools
8	<i>Bambusa bambos</i> L.	bans	Hut, gorur gari, agri tools
9	<i>Bambusa tulda</i> Roxb.	Jaba bans	Hut, gorur gari, agri tools
10	<i>Calamus viminalis</i> Willd.	bet	Jhuri
11	<i>Combretum decandrum</i> Jacq.	Atari lata	Jhuri

12	<i>Dalbergia sisso</i> Roxb.	Sisu	Furniture
13	<i>Diospyros melanoxylon</i> Roxb.	Kend	Agri tools
14	<i>Eucalyptus oblique</i> L. Her.	patas	Hut
15	<i>Finlaysonia obovata</i> Wall.	dudhilta	Jhuri
16	<i>Gmelina arborea</i> Roxb.	gamar	Furniture
17	<i>Holoptelia integifolia</i> Planch.	challa	Furniture
18	<i>Madhuca indica</i> J.Konig	muhul	Dheki, Door, agri tools
19	<i>Mangifera indica</i> L.	Aam	Door
20	<i>Pterocharpus marsupium</i> Roxb.	Piya sal	Furniture
21	<i>Shorea robusta</i> L.	sal	Hut, Furniture, Argi tools
22	<i>Sida cordifolia</i> Roxb.	Swet berela	Jhata
23	<i>Swietenia mahagoni</i> L.	Mehagani	Furniture
24	<i>Syzygium cumini</i> L.	Jam	Furniture
25	<i>Tamarindus indica</i> L.	tetul	Pata, pitana
26	<i>Tectona grandis</i> L.f.	segun	Furniture
27	<i>Terminalia arjuna</i> Roxb.	Arjun	Pata
28	<i>Ziziphus jujube</i> Mill.	kul	Agri tools
29	<i>Borassus flabellifer</i> L.	tal	Hut ceiling
Leaves			
1	<i>Borassus flabellifer</i> L.	tal	Hat, Mat
2	<i>Cocos nucifera</i> L.	narkel	Making, Jhata, Mat
3	<i>Eulaliopsis binata</i> (Retz.) C.E. Hubb.	babui	Making rope, mat
4	<i>Phoenix dactylifera</i> L.	Khejur	mat
5	<i>Shorea robusta</i> L.	sal	plate
Fruit			
1	<i>Lagenaria siceraria</i> Molina.	lau	making 'ektara'
Latex			
1	<i>Cissus adnata</i> Roxb.	Paina lata	painting

Farmers get knowledge about the current condition of their soil and how to improve it as the soil fertility is determined by the soil's chemical, physical and biological properties. Soil tests are used to determine the soil's nutrient content and pH level. With these information farmers come to know about the exact type and quantity of fertiliser needed to be applied to improve their soil. Knowing the exact type and quantity of fertilisers the soil and crops need, prevents farmers from wasting money on unnecessary fertilisers. Testing the soil and receiving a fertiliser recommendation prevents farmers applying excessive amount of fertilisers and avoid related environmental damages. It is estimated that each year a huge amount of fertile soil are lost due to erosion as a result of unbalanced soil management. Improved soil fertility means more crops, potentially minimizing the food gap. This will bring a better life for the people of tribal areas.

6. Problems Encountered and Resources Required:

Even after identification of many plants used in Indian system of medicine, a large number of plants or uses of plant are yet to be documented, particularly which are confined among the people of tribal areas. Gathering traditional knowledge or information from the tribal communities always remained a tough and difficult task. Overcoming language barriers as well as shyness of the tribal people are the challenges we are facing presently.

B. Cleanliness Drive

Cleanliness Drive at Jhargram District Hospital and Jhargram Central Bus Stand

Objectives of the Practice

- To spread awareness about the necessity to keep our environment clean
- To highlight the necessity of cleanliness in public spaces which are accessed by hundreds of people every day
- To clean the designated spot in a proper manner
- To remove the stigma and fears (primarily amongst the students) associated with cleaning in public spaces
- To promote practices of health, hygiene and sanitation in public areas
- To encourage student volunteers to adopt cleanliness as part of their daily lives both as regular students and especially as NSS volunteers

The Context

Cleanliness is a habit, and the promotion of cleanliness is one of the duties of the NSS. The NSS Units of Jhargram Raj College regularly undertake cleanliness drives within the college campus, and conduct awareness campaigns through seminars and other programmes. Thus, during the Special Winter Camp of 2015-16, it was decided that these cleanliness drives must be extended to areas beyond the campus of the college. The NSS Programme Officers, in consultation with the Advisory Board and the college authorities, planned to conduct cleanliness drives in two of the most 'public' spaces within the town of Jhargram: the Jhargram Sub-Divisional Hospital, and the Central Bus Stand of Jhargram.

The Practice

The Jhargram Sub-Divisional Hospital is one of the busiest places in all of the Jhargram Sub-Division. It is the only health centre of its kind in the entire sub-division, and every day hundreds of people visit the hospital from Jhargram town and from the villages in the sub-division. Despite cleaners and sweepers being deputed to the task of keeping the hospital area clean, it becomes almost impossible to maintain the cleanliness of the place. Thus, 20 Volunteers from NSS Units I, II, III and IV were allotted the task of cleaning the area of the hospital.

On the morning of 6th February 2016, these volunteers made their way to the Jhargram Sub-Divisional Hospital, accompanied by the Programme Officer of Unit – II, armed with brooms, cleaning equipment and bleaching powder. The volunteers were provided disposable gloves to help them clean properly without being exposed to hazards during cleaning. The student-volunteers cleaned large parts of the grounds, swept the dirt and garbage lying around, collected garbage and disposed them in a safe manner. They even burnt some waste with the permission of the hospital superintendent in a safe and hygienic manner. They finally put bleaching powder in all the drains and open areas

Similarly, the Central Bus Stand of Jhargram is also one of the most-accessed places in all of Jhargram town. The bus stand services hundreds of passengers every day, who arrive and depart from the town for their daily needs and for jobs. These buses ply from towns and villages all over Paschim Medinipur, and some buses even travel to locations far outside the district. Thus, the Bus Stand is an area where cleanliness is not a priority – as it acts as a temporary space for most people who access it. 20 more Volunteers from NSS Units I, II, III and IV were allotted the task of cleaning the Bus stand.

Armed with cleaning equipment, the Volunteers, guided by the Programme Officer of Unit – II, arrived at the central Bus Stand in the early hours of 8th February 2016. They were provided with disposable gloves to help them clean properly. They removed leaves and garbage lying strewn around the area, and disposed them in garbage-collection vats placed nearby. They swept the central area of the bus stand where the buses are parked. Bleaching powder was also put in all the drains and open areas surrounding the bus stand.

Evidence of Success

The cleaning activities in both the Bus Stand and the Hospital were keenly observed by the onlookers and the people passing by. Many of them stopped to ask the volunteers what was happening. Thus, the programme helped to create awareness among the general public that though these are public spaces, the onus of maintaining cleanliness rests in the hands of all the people.

The efforts of the student-volunteers and the college were greatly appreciated by the hospital superintendent, who acknowledged the difficulties faced by the hospital staff in maintaining a standard of cleanliness in the hospital. He was greatly encouraging in his words, and he hoped that the college would organize more such cleanliness drives in the hospital.

The cleanliness drive at the hospital was also reported in the local newspapers.

Problems Encountered and Resources Required

Though cleanliness is a habit that we learn at home, it is not a habit that is practiced in public spaces in our country. It is even more difficult to clean for others, to clean in spaces that do not belong to us – but are spaces used collectively by many people. This was among the first concerns that needed to be dispelled before the students could be allotted to the job. Cleaning is an activity which is looked down upon, and cleaners belong to a class of society that is shunned and rejected by mainstream society. This attitude is, unfortunately, rooted within many of the student-volunteers – and thus they needed to be oriented to the purpose and task before they could be allotted the job.

An important factor in a cleanliness activity is regularity, in order to maintain the habit of cleanliness. However, funds allotted to the NSS are not sufficient to provide for regular cleanliness drives through the year. They are also not sufficient to buy enough equipment (such as bleaching powder, phenyl and other disinfectants) to carry out cleaning activities in large spaces such as the Bus Stand or the Hospital.

More funds are also required to provide proper cleaning gear to the student-volunteers who take up the cleaning activity. In this practice, the NSS Units had enough funds to provide only for disposable gloves – and the need to provide masks and aprons became very evident

Notes

- It is important to conduct proper liaison with the authorities before embarking on a project outside the college and in public spaces

It is necessary to conduct orientation programmes for the student-volunteers before asking them to participate in cleaning activities, as this helps them to overcome prejudices and fears associated with cleaning for others.