

The Annual Quality Assurance Report (AQAR) of the IQAC
2011-12

Part – A

1. Details of the Institution

1.1 Name of the Institution

University of Kalyani

1.2 Address Line 1

P.O. Kalyani, University of Kalyani

Address Line 2

Dist-Nadia

City/Town

Kalyani

State

West Bengal

Pin Code

741235

Institution e-mail address

registrar@klyuniv.ac.in

Contact Nos.

033-25822505

Name of the Head of the Institution:

Prof. Alok Banerjee

Tel. No. with STD Code:

033-25828690

Mobile:

9433014569

Name of the IQAC Co-ordinator:

Prof. Sarbani Chowdhury

Mobile:

9432849971

IQAC e-mail address:

iqac@klyuniv.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879): WBUNGN10029

1.4 Website address:

<http://www.klyuniv.ac.in>

Web-link of the AQAR:

<http://www.klyuniv.ac.in/AQAR/aqar201112.pdf>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	3 stars	65-70%	May 30,2001	5 years
2	2 nd Cycle	B	2.67	September, 16, 2008	5 years
3	3 rd Cycle	Applied for			
4	4 th Cycle				

1.6 Date of Establishment of IQAC :DD/MM/YYYY

23.10.2008

1.7 AQAR for the year (*for example 2011-12*)

2011-12

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 2009-10 uploaded on 10.08.2010
- ii. AQAR 2010-11 submitted to NAAC on 23.06.2016

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 (for the Colleges)

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

Autonomy by State/Central Govt. / University	<input checked="" type="checkbox"/>		
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input checked="" type="checkbox"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input checked="" type="checkbox"/>	Any other (<i>Specify</i>)	<input type="checkbox"/>
UGC-COP Programmes	<input checked="" type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	8(including Vice-Chancellor)
2.2 No. of Administrative/Technical staff	1
2.3 No. of students	-
2.4 No. of Management representatives	2
2.5 No. of Alumni	-
2. 6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	1
2.9 Total No. of members	14
2.10 No. of IQAC meetings held	4

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students 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

Awareness programmes on skill development of teaching learning process

2.14 Significant Activities and contributions made by IQAC

- Program of Teacher Empowerment
- Promotional activities.
- IQAC related activities in various department and research centers.

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
<ul style="list-style-type: none"> • Conducting state of the art training programme for the faculty members. • Conducting workshop for the principals of affiliated Colleges under the University of Kalyani regarding awareness of IQAC. • Conducting workshop for the Heads of various departments and Centers of the University of Kalyani regarding awareness of IQAC. • Organizing workshops on regular basis in collaboration with various departments of the University. • Extending the scope of access for e-journal through Central Library. 	<ul style="list-style-type: none"> • Dissemination of information on the various quality parameters of higher education, Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles, documentation of the various programmes/activities of the University leading to quality improvement are being monitored by the IQA Cell in the form of meeting workshop. . . • Some of the departments interacted with the parents regarding the performance of the students, through telephonic conversation and meeting with parents.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☐ Syndicate ☐ Any other body ☒ (EC)

Provide the details of the action taken

The AQAR is prepared by taking inputs from different departments and centre and sections. The IQAC prepared the draft report and is placed into the meeting of the IQAC. The suggestions of the committee members are incorporated and the same has again been placed into the IQAC followed by the Executive Council(EC) of the University.

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	27			
PG	34		2	
UG	5			
PG Diploma	1			
Advanced Diploma				
Diploma	18			
Certificate	32			
Others	Mhil(5) Integrated(2)			
Total	124			
Interdisciplinary	10			
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	37
Trimester	-
Annual	1

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

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.

All PG syllabui are modified considering semester system. Few workshop were held in different departments.

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

No.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
190	-	-	-	2

2.2 No. of permanent faculty with Ph.D.

170

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

Asst. Professors	Associate Professors	Professors	Others	Total

2.4 No. of Guest and Visiting faculty and Temporary faculty

178

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	45	106	22
Presented papers	94	130	24
Resource Persons	13	67	20

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

- Audio-visual systems and hands-on training are used. (Microbiology)
- Regular seminar by students, use of multimedia. (Physics)
- Using Audio-Visual gadgets (Adult Education)
- Introduction of power point presentation system & providing internet facilities to the students. (Bio phy. & Bio-Chem)
- Use of computer enabled projections in teaching, emphasis on hands-on training in practical classes and field visits, enhanced student-teacher interactions and group discussions in the classroom. (Botany)
- Field visit/Field Classes, Survey, Industry visit, Instrument handling, Classroom teaching using multimedia and PPT presentation (Env.science)
- . The department arranged Group Discussions, One-to-One Interaction & question-answer sessions among the students. Field study, Project Based dissertation work is undertaken by the department. We have begun to use Technology enabled teaching and learning resources, LCD projectors and other audio-visual aids for teaching. The faculty members frequently shows video documentary and films to their students and encourages them to participate in creating wall-magazine, freelancing, anchoring and also gives project work on current events. Regular educational tours are held. Class tests are arranged, the evaluated papers are shown to students as per demands, and the shortcomings of their answers scripts are discussed. Guidance to weak students. (Folklore)
- Emphasis was given on application of RS-GIS techniques and Statistical softwares; the effective use of participatory and innovative teaching- learning methodologies i.e. regular teacher-student interaction, group discussions, seminar presentation, film show etc. (Geography)
- Seminar based teaching learning. (library science)
- All labs and classrooms are equipped with state of art teaching aids. (MCA-MTECH)
- Computer-aided learning, Power Point Presentation, Group assignments and group discussions, Questioning and cross checking, Quizzing, Seminars, Workshops, Hans on training/Practical, Projects/Dissertation, Field visit, Industrial visit, etc. It has a feedback mechanism to evaluate the teachers and the feedback is reviewed regularly. (no name-3)
- Use of projector in class room. (Phy.Edn)
- Group Discussion and Term Paper for M.A. students. (Pol.Sc)
- Field based activity, survey using PRA tools, working under Annual Status of Education Report (ASER) Project . (Rural Studies)
- Use of overhead projector in classrooms. (Stat)
- Experimental compositions by application of various mediums. (Visual arts)
- Accounting and Taxation software are being used (Commerce)
- Computer-aided learning, Power Point Presentation, Group assignments and group discussions, Questioning and cross checking, Quizzing, Seminars, Workshops, Hans on training/Practical, Projects/Dissertation, Field visit, Industrial visit, etc
It has a feedback mechanism to evaluate the teachers and the feedback is reviewed regularly. (Env.Management)
- Students were exposed to small scale laboratory practice. Students were exposed to research laboratories during their MSc projects.(Chemistry)

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

180

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

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

190	68	190
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2.10 Average percentage of attendance of students

81%

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	27439		15.62%	37.75%	28.77%	82.15%
PG	1456		45.95%	52.20%		98.15%
Ph.D.	95					100%
PG(DODL)	16691					84.67%

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

- Conducting workshop for the principals regarding awareness of IQAC.
- Workshop for the Heads of various departments and Centers of the University of Kalyani regarding awareness of IQAC.
- Improvement of teaching learning methods through introduction of ICT enabled environment.
- Collection of Students Feedback on teaching made by several faculty members.
- Introduction of Quality Assessment system for faculty members based on APR
- The IQAC conducted meetings within the span.
- All applications of CAS API have already been processed by the 'CAS API Subcommittee' to speed up the process of promotions of teaching faculties on the basis of quality benchmark/parameters.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC – Faculty Improvement Programme	1
HRD programmes	0
Orientation programmes	2
Faculty exchange programme	2
Staff training conducted by the university	2
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	10
Others	1

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	419	200	21	
Technical Staff	65	70	12	

Criterion – III

3. Research, Consultancy and Extension

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

- As guideline provided by the University Statutory Body to improve the quality through the Open Forum Discussion by IQAC cell.
- Motivate faculty members to organise seminars and workshops.
- Motivate research students to give periodic seminar in their respective departments to enrich research quality.
- Motivate research students/ faculty members to publish their research publications in good publication house.
- It tracks the schemes of the UGC and other agencies like CSIR, DST, DBT
- The IQAC of the institution encourages the staff members to undertake major and minor research projects and to organize seminars, workshops and conferences, etc.
- The staff and students are informed about the various fellowships available and they are encouraged to apply for the same.
- IQAC constituted a teachers' cell for promoting research. This cell regularly organises convention and promotes teachers to send research proposal to the funding agencies. Departmental teachers also trying to get funding from funding bodies.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	49	5	13
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	2		
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	334	114	09
Non-Peer Review Journals	00	10	09
e-Journals	04	05	00
Conference proceedings	121	98	09

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	2-3	DST, Govt. Of India, DBT, UGC, GoI, DAECRS, DoEn WB, ICAR NICRA, CSIR,	-	-
Minor Projects	1- 1.5	UGC, Govt. Of W.B.	-	-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)				
Total (Cr.) : Number of project				

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

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

Rs. 342460

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	5	28	10	-	-
Sponsoring agencies	-	UGC SAP	-	-	-

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

63

3.13 No. of collaborations

International

4

National

3

Any other

2

3.14 No. of linkages created during this year : 5

3.15 Total budget for research for current year in lakhs :

From Funding agency

275

From Management of University/College

nil

Total

275

3.16 No. of patents received this year

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

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
20	5	10	1	4	-	-

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

124

509

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

- Department of Adult Education
Community-based Continuing Education (courses) programmes :

Course	Area	Beneficiaries
• Mushroom Cultivation	<ul style="list-style-type: none"> • Ushagram Trust, Birnagar, Nadia • Taherpur Puratanpara, Birnagar, Nadia • Mahishdanga, Birnagar, Nadia • Pabnapara, Mahishdanga, Nadia • Barasat • Bhaduri Paschimpara, Nadia • Chowhanpara, Barasat G.P., Nadia • Sardarpara, West Shimulia, Nadia • Daspara, Gangni, Nadia • ‘Manas’-an NGO and rehabilitation centre of Shimurali, Nadia District • ‘Siksha Niketan’ – a reputed NGO of Kalanabagram, Burdwan 	<ul style="list-style-type: none"> • NGO members; Disadvantaged youths & housewives, field functionaries of extension programmes of Kalyani University; Tribal villagers; Mentally disturbed and under treatment patients of a rehabilitation and treatment centre; Children of an orphan home and tribal children etc.
• Boro cultivation and applications of bio-fertilizer and bio-pesticides in the agriculture farming	<ul style="list-style-type: none"> • Nandighata, Payradanga, Nadia 	<ul style="list-style-type: none"> • Small & marginal farmers
• Fertilizer management of Rabi crops.	<ul style="list-style-type: none"> • West Shambhupur, Netaji Vidyaniketan, Nadia • Parniyamatpur, Paradanga, Nadia 	<ul style="list-style-type: none"> • Small & marginal farmers
• Management of Mango orchard	<ul style="list-style-type: none"> • West Shambhupur, Netaji Vidyaniketan, Nadia • Parniyamatpur, Payradanga, Nadia 	<ul style="list-style-type: none"> • Mango farmers
• Organic fertilizer on Vermicompost production	<ul style="list-style-type: none"> • Parniyamatpur, Payradanga, Nadia • ‘Siksha Niketan’ – a reputed NGO of Kalanabagram, Burdwan 	<ul style="list-style-type: none"> • Mentally disturbed and under treatment patients of a rehabilitation and treatment centre etc. • Small & marginal farmers • Orphan and tribal children
• Mother and child care-Feeding and diarrhea management	<ul style="list-style-type: none"> • Chakdaha Gorepara Tribal Community Learning Centres, Nadia 	<ul style="list-style-type: none"> • Mothers of the children of CLCs of tribal community and female self-help group members.

- Botany Department
 - Seminar organization by Alumni Association in association with the Department
 - Interaction between past and present students through annual reunion programme.

- Active participation of teaching and non teaching staff members, research scholar, students of the Department in blood donation camps organized by various forum of the University.
- Some faculty members contributes to NGO's like UNICEF and Child Rights and You (CRY), among others, thereby involving under privileged citizens in social rights.
- Environmental Management
Department organized two seminar cum awareness and sensitization programmes on 29.12.2011 and 26.03.2012 on "Upliftment and sustainable development of rural economy" and "Integrated Approach of Organic Farming" in collaboration with Kalyani Shine India, an NGO at Kalyani.
- Chemistry
-Blood donation camp organization
-World environment day celebration
-Arsenic awareness campaigning
- Physiology
Department has organised environmental awareness camps in schools and colleges of rural areas to create awareness to : cleanliness and sanitation; environment and public health; causes, effects and remediation of environmental pollution; human nutrition and dietetics; etc..

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	346.47 acres			
Class rooms	4863 sq m			
Laboratories	3733 sq m			
Seminar Halls	1058 sq m			
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

Nearly computerised

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	120302		2986	2286400	123288	
Reference Books	5040		140	270000	5180	
e-Books						
Journals	80	91575	20	134425	100	226000
e-Journals						
Digital Database			5	4573979	5	4573979
CD & Video	250		60		310	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	440	15	LAN	13	1	46	All	
Added	38	5		2		6		
Total	478	20		15		52		

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

Faculty members are provided computer and internet facilities. Students used departmental computers with internet connections for their research project.

4.6 Amount spent on maintenance in lakhs :

i) ICT

4866834

ii) Campus Infrastructure and facilities

7568258

iii) Equipments

6552266

iv) Others

13256688

Total :

32244046

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC provides information to all students about various student support services available at the institution and other levels.

5.2 Efforts made by the institution for tracking the progression

The institution monitors and ensures the achievements of the learning outcome through analysis of the tests, examination results and the pass percentage arrived at. Results are analyzed in regular basis after each semester and necessary steps are taken.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	1190	599	-

(b) No. of students outside the state

(c) No. of international students

No	%

Men

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenge & Minorities	Total
1078	474	37	-	153	1742	1070	506	37	N.A.	195	1808

Demand ratio

Dropout %: 0.43% for all PG courses

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

Folklore department: Coaching for UGC NET Examination on Folk Literature
UGC NET coaching centre for SC,ST students

No. of students beneficiaries

215

5.5 No. of students qualified in these examinations

NET	<input type="text" value="14"/>	SET/SLET	<input type="text" value="16"/>	GATE	<input type="text" value="45"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

- All teachers help in personal problems as well as help for academic up-liftment.
- Faculty members provide guidance and counseling to the students about higher studies and employment.
- The students are encouraged to exhibit their skills and talents through various activities organized by the department.
- Department regularly serves the notifications and information to students about different fellowship programmes and the applications sought for teaching posts by the universities and colleges. Besides the Department counsels the students about their career progression regularly.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
05	75	12	36

5.8 Details of gender sensitization programmes

5.9 Students Activities

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

State/ University level	<input type="text" value="92"/>	National level	<input type="text" value="07"/>	International level	<input type="text"/>
No. of students participated in cultural events					
State/ University level	<input type="text" value="65"/>	National level	<input type="text" value="02"/>	International level	<input type="text"/>

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	75	152592
Financial support from government	161	323200
Financial support from other sources	3	122200
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: N/A

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Mission – The Main Guidelines

- Harmonising broader academic activity and the local community
- Creating environmental awareness
- Creating consciousness of basic human rights and entitlements
- Focusing on rural economy and the need and aspirations of the youth in the region
- Promoting inter-disciplinary research and a balance between basic and applied research programmes
- Extending its reach and ensure access

Visions for the Future

- To encourage student enrolment from among weaker sections, even beyond the reservation limit
- To establish a finishing school and training centre and exposure of the students passing out so that they become readily employable in specific fields
- To introduce PG courses in non-conventional subjects and short-term utility courses having job potentiality
- To establish a strong partnership between the university and industry houses
- To explore academic exchange with more and more academic institutions of repute
- To improve the existing infrastructure – both academic and physical
- To create natural ambience by developing the vast green campus not only through beautification programme but also by generating resource.

6.2 Does the Institution has a management Information System

Yes: Result published, Pay roll prepared

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

6.3.1 Curriculum Development

- Yes, as and when required considering the Feedback of the Stakeholders
- The meetings of the Board of Studies are regularly conducted. The ideas obtained are thoroughly discussed by the experts and carefully incorporated in the curriculum
- The present and outgoing students' feedback regarding the relevance and content quality of the subjects is considered.

6.3.2 Teaching and Learning

Students are encouraged to learn through interactive sessions. Teachers from other institutions come and interact with the students.

- Chalk & Talk method, Computer-aided learning, Power Point Presentation, Group assignments and group discussions, Questioning and cross checking, Quizzing, Seminars, Workshops, Hands on training/Practical, Projects/Dissertation, Field visit, Industrial visit, etc
- It has a feedback mechanism to evaluate the teachers and the feedback is reviewed every year.

6.3.3 Examination and Evaluation

BOS prepared the list of paper setters, examiners, moderator, scrutiniser with consultation with respective DC

6.3.4 Research and Development

- New equipments, Computers have been purchased for research activities.
- The committee keeps track of the schemes of the UGC and other agencies like CSIR, DST, DBR, ICAR, etc.
- The teachers are informed about the various fellowships available and they are encouraged to apply for the same.
- Appraisal from funding agencies like DST, CSIR, UGC, DAE, International funding agencies and collaboration - Inter-departmental, inter-institutional.
- All faculty members of the Department are actively involved in research in the areas of recent advances.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Most of the departments have adequate number of classrooms / laboratories equipped with required instruments and computer facilities. Rich wealth of knowledge and information is available in the Central Library of our University in the form of numerous texts and reference books as well as related journals and periodicals.

6.3.6 Human Resource Management

Yes, through different Adult Education and NSS prog.

6.3.7 Faculty and Staff recruitment

As and when needed following the rules and regulations of UGC and Govt. of WB.

6.3.8 Industry Interaction / Collaboration

Students of ETM faculty participate in different industry interaction/collaboration in their course as internship or project to encourage industrial exposure

6.3.9 Admission of Students

The department follows the guidelines laid down by the UGC and also University policies as well as State Govt rules

6.4 Welfare schemes for

Teaching	Adopted electronic devices to develop teaching process.
Non teaching	Certificate course and training programme on computer knowledge and communicative English organize by the university authority.
Students	NET Coaching Centre Awareness programme in different level. Discussion with the Govt. to create job opportunity for the students

6.5 Total corpus fund generated

2252483

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			yes	Univ.
Administrative (Financial)	yes	CAG	yes	Univ.

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

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☒ No ☐

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

Initiated for development of semester and credit system
Pre post exam are computerised

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

NA

6.11 Activities and support from the Alumni Association

Alumni of different department who are holding positions in academic institutions and industries visit the department in regular intervals. They deliver lectures indicating the contributions of this department for building up their career. The suggestions of the alumni are taken into consideration during syllabus revision, designing laboratory experiments and further utilizations of existing resources. They help students for getting research fellowships in various research Institutes, for achieving success in GRE, TOEFEL, NET etc. and also for job opportunities in industries.

6.12 Activities and support from the Parent – Teacher Association

Parents are patronizing support from the University as and when required.

6.13 Development programmes for support staff

Different staff training programmes by CIRM

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

- Organizing awareness programme
- Trees have been planted and are maintained.
- The Department is plastic/polythene free zone, which makes it eco-friendly.
- Initiative are taken by most of the department to make it eco friendly by planting tree and made the surroundings free from plastics.

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.

- Development of infrastructural facilities
- Administration automation,
- High-speed internet accessibility
- Extended computer facility for students and teachers
- Up-gradation of e-library facility,
- Advancement of Security system with closed circuit camera,
- High-powered Generator facility for uninterrupted power supply,
- Purified, cooled drinking water facility,
- Installation of Fire fighting system.

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

Report is available in IQAC

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

1. Inculcation of Culture of research in a state aided institution with limited resources

Objectives of the Practice

The University of Kalyani has a strong background of research over the years which are sustained through deliberate practice of encouragement, recognition and appraisal of the culture of research. This is being done through the following practice.

The Context

Kalyani University has a rich heritage of research and we have progressed to the present stage through the shoulders of the giants like Professor S. P. Sen, F.N.A., Professor G. K. Manna, F.N.A., Prof. P. Sengupta, F.N.A., Professor B. K. Lahiri, Professor S. Dattagupta, Prof R Shaw, Professor K. C. Majumdar to name a few. On one hand, the scientific and technological developments are progressing at phenomenal pace while on the other hand funding, opportunity and human resource for research is somewhat dwindling. Being a state-aided university, the constraints are more here. The university has adopted a policy to sustain and improve its research potential through several measures.

2. To provide self-earning and self-learning opportunities to local people from backward background.

Objective of the practice

The locality surrounding the university consists mostly of bright, educated and enriched people on one side while illiterate, jobless, and immigrants struggling for life on the other side of the coin. The university has undertaken several programmes to bring some smile in the face of people belonging to the second category through rich activities of our well established Adult and Continuing Education Department and NSS centre. Some of these

are:

To extend expertise to local needy people providing self-earning opportunity through training programme

Providing basic computer literacy to nearly illiterate people

Educating tribal and related 'son-of-the soil' inhabitants of the region on health, hygiene and sanitation issues

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

Organizing Popular talk

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

Strengths:

- Updated curriculum and high quality interdisciplinary teaching-learning
- Cutting edge research in diverse areas of environmental management
- Qualified and competent faculty
- Fully equipped laboratories and advanced research instrumentation facility
- Excellent library facility
- Collaboration with national and international organizations and laboratories
- Research culture

Weakness:

- Inadequate number of teaching faculty position
- Mostly first generation learners as students
- Poor communication skills of students due to rural background.
- Physical space constraint: no separate office room, non-teaching staff room, individual teacher's room, smart class room, rest room, library room, etc.
- Insufficient allotment of contingency and development grant for the Department

Opportunities:

- Interdisciplinary teaching-learning and research opportunities
- National and International collaborations
- Participate in national /international seminars.
- Industrial and field visits
- Potential opportunity for career development in research, industry, NGOs, self-employment, etc.

Challenges:

- Poor communicative skills among the students
- Initiating Industry linkage
- Enhancing students' employability and placement.
- Motivate students to qualify/clear competitive examinations
- Creating leadership qualities and entrepreneurship among students

8. Plans of institution for next year

Adult Education:

- To set up a Training Workshop for providing Training on marketable Income generating skills for Women members of SHGs.
- Programmes to provide all necessary supports to ten(10) SHGs (Female) for sustenance and self-reliance and to create some model SHGs.
- Innovating Community Outreach project for vulnerable groups in identified areas.
- Workshop for Capacity Building of NGOs engaged in Literacy and development projects.
- Extension and Outreach programmes through the Colleges affiliated to the University to serve the need of the local areas.
- More Continuing Education courses for skill development of the youths and enhance their employability, specially for the underprivileged.
- Capacity Building of NGOs engaged in Literacy and development projects.

Botany Department

- Upgradation of course and curriculum
- Increasing research facility of the department

Business Administration

To start PG Diploma Programme in Healthcare & Hospital Management

Library Science

- To increase the number of computers in the Department for students and research scholars.
- To construct a ladies toilet for facilities
- To develop Vinyl flooring in Computer laboratory

Mathematics

- To run successfully the semester system.
- To conduct successfully the UGC SAP DRS-I Programme.
- To introduce modern teaching methods e.g., multimedia presentation etc.
- To increase library space of the Department.

To diversify the research activities of the Department by collaborating with other Departments and Institutions

Molecular Biology

- Development of laboratory infrastructure.
- Upgradation of ICT facilities.
-

Philosophy

- Specialization in 'Buddhism & Vedanta'
- Imparts coaching for SSC & NET/SET
- Special Classes on Sanskrit learning will be introduced for the benefit of the students of both the department of Sanskrit & Philosophy.
- Department will arrange special lecture series & Short term Certificate courses for the benefit of all the students and the interested persons.
- Special study circle will be initiated for the students

Physics

- The first major plan is to present a solid proposal to DST for a FIST scheme as early as possible.
- Development of a proper Laboratory space in the ground floor for hosting the major experimental set up.
- Complete networking of the Department – classrooms, office and laboratories.
- Development of smart class rooms and a second seminar room for holding small scale conferences that will typically be of a couple of days duration at the most.

Env. Management

- Infrastructural development e.g. extension of departmental building, up-gradation of lecture theatre and laboratories, smart class rooms with audio visual aids, procurement of some highend scientific instruments, purchase of text and reference books and journals
- Overall improvement of teaching-learning and research activities of the department.
- MOU with different international universities and organizations
- Research collaboration with several universities, institutes at national and international level.
- Organization of National and International seminars, workshops, special invited lectures, etc.
- Submission of research projects by individual teachers to different funding agencies.
- Participation of teachers in different faculty development/recharge programmes
- Exploring placement opportunities for students
- Institute-Industry tie-up for students' training
- Industrial visits and educational excursion
- Conduction of extension activities like environmental sensitization and awareness generation
- through community engagement programmes

Physiology

a) Infrastructural plans of action:

- To pursue for the construction of permanent building for the Department of Physiology.
- To develop specific laboratories for Physiological Chemistry, Histology, Experimental Physiology, Ergonomics and Exercise Physiology, Environmental Physiology and Electrophysiology with adequate furnitures and equipments for the purpose of PG courses and research.

b) Plans for the creation of posts for human resources:

- To pursue for the creation of new teaching posts for the Department.
- To peruse for the creation of new non-teaching posts, particularly technical staff for the good cause of the students.

c) Plans for the generation of resources:

- To earn resources by developing Department – Industry partnership in the field of Ergonomics, Environmental Physiology and Neurophysiology, if possible.
- To earn resources by obtaining patent, if possible, by promoting research in the designing of instruments used for Human Engineering, promoting research in the development of drugs or bio-resources from medicinal plants particularly in relation to several neurophysiologic disorders.

Sociology

Participation in the SAP programme of UGC, rate of drop outs reduced to zero.

Name Prof. Jyotsna Kumar Mandal



23.06.2016,

Signature of the Coordinator, IQAC
Internal Quality Assurance Cell (IQAC)
University of Kalyani, Kalyani-741235

Name Prof. Malayendu Saha



23/06/16

Signature of the Chairperson, IQAC
Vice-Chancellor
University of Kalyani

Annexure I

UNIVERSITY OF KALYANI
The Faculty of Councils (PG)

PROPOSED Academic Calendar for the Session 2011-12

1st Semester	
Commencement of classes	August 23, 2011
Termination of classes	December 30, 2011
Examination to be completed within	January 30, 2012
Publication of Results within	February 21, 2012

2nd Semester	
Commencement of classes	February 07, 2012
Termination of classes	June 07, 2012
Examination to be completed within	July 07, 2012
Publication of Results within	August 07, 2012

3rd Semester	
Commencement of classes	July 16, 2012
Termination of classes	December 14, 2012
Examination to be completed within	January 15, 2013
Publication of Results within	February 5, 2013

4th Semester	
Commencement of classes	January 22, 2013
Termination of classes	May 22, 2013
Examination to be completed within	June 21, 2013
Publication of Results within	July 10, 2013

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
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
