

JAWAHARLAL NEHRU COLLEGE, BOKO.

The Annual Quality Assurance Report (AQAR) of the IQAC

SESSION: 2015-2016



Submitted to

The Director

National Assessment and Accreditation Council (NAAC)

P.O. No: 1075, Nagarbhavi, Bengaluru - 560072

Submitted by:

Coordinator

Internal Quality Assurance Cell

Jawaharlal Nehru College,

Boko, Kamrup Assam.

Pin – 781123.

**The Annual Quality Assurance Report (AQAR) of the IQAC
JAWAHARLAL NEHRU COLLEGE, BOKO.**

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (*Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013*)

Part – A

1. Details of the Institution

1.1 Name of the Institution

JAWAHARLAL NEHRU COLLEGE

1.2 Address Line 1

BOKO

Address Line 2

P.O.: – BOKO, DIST:- KAMRUP,
STATE:- ASSAM

City/Town

BOKO

State

ASSAM

Pin Code

781123

Institution e-mail address

principaljnc13@gmail.com

Contact Nos.

+91 94352 42784

Name of the Head of the Institution:

Dr. Nripen Goswami

Tel. No. with STD Code:

03623-218366

Mobile:

+91 94352 42784

Name of the IQAC Co-ordinator:

Dr. Susanta Kumar Bhuyan
Dr. Ranjit Baishya

Mobile:

+91 98640 79796,
+91 94351 16765

IQAC e-mail address:

iqacjncb2014@gmail.com

1.3 NAAC Track ID

ASCOGN12128

1.4 NAAC Executive Committee No. & Date: No. BS (SC)/02/RAR/103,
dated July 10, 2014

1.5 Website address:

www.jncollegeboko.com

Web-link of the AQAR:

[www.jncollegeboko.com/iqac/AnnualReport 2015 -16](http://www.jncollegeboko.com/iqac/AnnualReport%202015-16)

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	C++	68.25	2004	28-02-2010
2	2 nd Cycle	B	2.24	2014	10-07-2019
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

20-06-2006

1.8 AQAR for the year (*for example 2010-11*)

2015-16

1.9 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 2014-15 submitted to NAAC on (07/12/2018)

1.10 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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

- 1.UGC, COP on certificate course in Mashroom Cultivation and Montessory Methods.
- 2. UGC COP on Human Rights and Duties
- 3. PGDCA under Gauhati University.
- 4. UGC Community College programme on Diploma in Food Processing Technology.

1.12 Name of the Affiliating University (*for the Colleges*)

Gauhati University

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

Autonomy by State/Central Govt. / University No

University with Potential for Excellence

No

UGC-CP

No

DST Star Scheme (Strengthening component) UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held:

2.11 No. of meetings with various stakeholders:

Faculty Students

Non-Teaching Staff 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. Workshop on "Positive Mental Health of Women" on 19.09.2015
2. Workshop on "Plant Identification and Herbarium Technique " on 16th September,2015
3. Training programme on "C- Programming" (18 hours) from 8.10.2015 onwards.
4. Workshop on "Basic Electronic Circuit Design" from 14th to 16th Oct 2015
5. Training programme on "Quantitative Aptitude for Competitive Examination" on 16.10.2015.
6. Workshop on "Outcome Based Learning for Introduction to Computing" on 7th November, 2015
7. Awareness programme on "Implementation and Benefits of DBT Star College Scheme" on 28 Feb, 2016
8. Seminar talk on "Make in India: Science and Technology Driven Innovation" 28 Feb, 2016
9. Workshop on "Use of Mathematica" on 4.2.2016
10. Hands on Training on "Spectrophotometer" on 31.3.16
11. Hands on training on "Applications of Bioinformatics: Tools and Techniques" from 5th to 9th March, 2016
12. Workshop on Linear Programming Problem for TDC Students" from 15th to 16th March, 2016
13. Seminar on "Human Rights and Duties" on 25.03.2016
14. Hands on Training on "Plant DNA Extraction and Agarose Gel Electrophoresis" from 5th to 7th April ,2016
15. Short term training on "SPSS and its Application in Teaching and Research" from 22nd to 26th April, 2016
16. Seminar on " Differential Equation" on 22 and 23 April, 2016.
17. Workshop on "Entrepreneurial Development" from 18th to 20th May, 2016
18. Seminar on "Illegal Trade of Wildlife: Causes and protection" on 5th June,2016

2.14 Significant Activities and contributions made by IQAC

- Successfully conducted 18 numbers of different quality and skill development related training, workshop, seminar talk etc. for the benefit of students and faculty members of the host institutions as well as for the nearby institutions.
- Ensuring the academic quality by means of getting feedback from students.
- Guided the participating departments under Star College Scheme to utilize the Grant received from DBT to upgrade their laboratories with necessary equipments.
- Started a new COP on Human Rights and Duties funded by UGC under Political Science department.
- Conducted few outreach and community development activities through NSS and Ranger- Rover team.

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"> • Opening of P.G. Courses 	<ul style="list-style-type: none"> • Proposal for opening PG courses in Assamese has been submitted to Gauhati University
<ul style="list-style-type: none"> • Extension of Administrative Building 	<ul style="list-style-type: none"> • The extension of the ground floor of the Administrative Building have been completed.
<ul style="list-style-type: none"> • Construction of Boundary wall 	<ul style="list-style-type: none"> • A major part of the boundary wall has constructed.
<ul style="list-style-type: none"> • Completion of Indoor Sports facilities and Swimming Pool constructed under UGC fund 	<ul style="list-style-type: none"> • Both have completed and made available for the use of J.N. College fraternity.
<ul style="list-style-type: none"> • Completion of the Guest House 	<ul style="list-style-type: none"> • Construction of the Guest House under MP fund have completed and inaugurated.
<ul style="list-style-type: none"> • New Science Block Construction 	<ul style="list-style-type: none"> • Started a New Science Building under the Grant received from Govt. of Assam.
<ul style="list-style-type: none"> • Construction of a separate KKHSOU Study Centre Building 	<ul style="list-style-type: none"> • Completed a separate Assam Type Building of KKHSOU Study Centre with a Conference Hall and a digital class room along with other facilities
<ul style="list-style-type: none"> • Augmentation of laboratories 	<ul style="list-style-type: none"> • The laboratories are augmented up to a standard level with the grant received from DBT under Star College Scheme.
<ul style="list-style-type: none"> • Completion of computerization of library 	<ul style="list-style-type: none"> • Still not completed but process is in progress.
<ul style="list-style-type: none"> • Augmentation of IT infrastructure. 	<ul style="list-style-type: none"> • Existing computer lab have been upgraded with five(05) new computer received from Rabha Hasong Autonomous Council .
<ul style="list-style-type: none"> • Introduction of skill development programme 	<ul style="list-style-type: none"> • Received Community College Scheme from UGC and started Diploma Course in Food Processing Technology.
<ul style="list-style-type: none"> • Workshop / Training for Students 	<ul style="list-style-type: none"> • A good number of Workshop, Hands-on training, Popular Talks have been organized through ICGC, Community College Scheme , DBT sponsored Institutional Biotech Hub and Star College Scheme.

<ul style="list-style-type: none"> Youth leadership Training programme under NSS and Ranger team 	<ul style="list-style-type: none"> Organised Road Repairing cum Cleanliness Drive on 4-11-2015 at Jarapara Village as a part of colleges' Swastha Bharat Aviyam Celebration of International Yoga Day.
<ul style="list-style-type: none"> Community Service 	<ul style="list-style-type: none"> Organised free health check-up camp at Jarapara Village, Boko. Plantation programme on the occasion of Vana-Mahotsav at Jarikuri Reserve Forest in association with Forest Department.
<ul style="list-style-type: none"> Collaboration with Other Institute 	<ul style="list-style-type: none"> College has collaboration with Central Rubber Board. Recently college has signed a MoU with NIELIT, Guwahati for collaborative work in IT sector.

** Academic Calendar for the session 2015-2016 is attached in Annexure -I*

2.15 Whether the AQAR was placed in statutory body Yes No
Management Syndicate Any other body

Provide the details of the action taken

IQAC placed the AQAR prepared for the session 2015- 16 before the President, Secretary , Vice Principal, Librarian and Teacher Representative of the GB . The members gone thoroughly and approved the same for submission to NAAC subject to the approval of the GB in the next GB meeting scheduled to be held in the first week of January,2019.

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		-	-	-
PG	04 (Under ODL mode)	-	-	-
UG	02 + 01(ODL)	-	-	-
PG Diploma	01 + 01(ODL)		01	
Advanced Diploma		-	-	-
Diploma	01	-	-	-
Certificate	03	-	-	03
Others		-	-	-
Total	12	-	-	-
Interdisciplinary	-	-	-	-
Innovative	-		-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	03+07(ODL)
Trimester	Nil
Annual	Nil

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 is given in the Annexure: II

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

The revision /update of syllabi are fully under the control of the affiliating University.

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
44	10	34	-	-

2.2 No. of permanent faculty with Ph.D.

16

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
01	04	00	00	00	00	00	00	01	04

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

00

13

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	02	05	Nil
Presented papers	02	07	Nil
Resource Persons	Nil	01	Nil

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

- The various departments of the college organized Hands on Training, Popular Talk, Invited lectures, Seminars etc to enhance the learning process of the students.
- Most of the Science departments have used digital teaching aids to make their teaching process interesting.
- Field visit, Laboratory visit, Industry visit have been arranged time to time.
- Most of the departments conducted Educational Excursion.
- Use of ICT in teaching learning has been made more extensive.

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

195

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

Yet no reforms have been initiated. College following the traditional process already exist.

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

00 00 01

The syllabus of the Certificate Courses under UGC COP have been prepared by the faculty members of the concerned departments which have been approved by the University.

2.10 Average percentage of attendance of students

77%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A.	229	-	25	17.5	40	82.5
B.Sc.	37	-	24	19	11	54
BA(ODL)						
P.G.(ODL)						
Certificate(COP)	29		52	48		100
Diploma(CCS)	Only Started					
PGDCA	09	-	23	77		100

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

The IQAC through Academic Cell monitor and evaluate the Teaching & Learning processes. To monitor the academic quality, at present the IQAC depends directly upon the analysis of feedbacks collected from students. However at the same time IQAC also discuss various academic problems in open forum with alumni, parents, staff and also with student's Union. Every departments through its Tutorial Ward monitor the Academic as well as overall performance of individual student.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	1
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	10
Others (STC)	22

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	11	01	Nil	13
Technical Staff	09	-	-	02

Criterion – III

3. Research, Consultancy and Extension

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

- To promote research climate in the college campus the IQAC has formed a Research Cell to help and guide interested faculty members for preparation and submission of research proposal to different Funding Agencies.
- The Research Cell arrange discussion with the Principal Investigator running different Major and Minor Projects and Research Guides to short out the difficulties faced by them to run their research activities and tried to resolve the same by amicable discussion with the authority so that good atmosphere of research prevails in the college campus.
- The Cell has also encouraged and guided the faculty members who are planning for Ph.D./ M.Phil to prepare and submit proposal to UGC under FDP.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		01	01	Nil
Outlay in Rs. Lakhs		10.05	14.445	Nil

3.3 Details regarding minor projects

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

3.4 Details on research publications.

	International	National	Others
Peer Review Journals	01	06	-
Non-Peer Review Journals	-	-	
e-Journals		-	-
Conference proceedings	-		-

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(Lakh)	Received
Major projects	2013-2016	UGC	10.05	5.543
	2015-2018	NRSC, Hyderabad	14.445	5.19
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	One month	Individual departments under DBT Star College Scheme	0.5	0.5
Any other(Specify)	-	-	-	-
Total			24.995	11.233

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 : Nil

3.11 No. of conferences organized by the Institution:

Level	International	National	State	University	College
Number	-	-	-	-	10
Sponsoring agencies	-			-	DBT, ASTEC, IIE, NIELIT, UGC

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:

From funding agency From Management of University/College

Total

3.16 No. of patents received this year: Nil

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
01	-	-	-	01	-	-

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events: Nil

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: **Nil**

University level State level
National level International level

3.24 No. of Awards won in NCC: **Nil**

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS * Any other

* Ranger and Rover Team, Biotech Hub

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

- Ranger Team has organised a Plantation Drive at Jarikuri Reserve Forest , Singra in collaboration with the Forest Department on the occasion of VANA MAHOTSAV on 05-07-2015.
- NSS , Ranger Team and NCC wing has organised a Road Reappearing cum Cleanness Drive at Jarapara Village, Boko on 04-11-2015.
- NSS , Ranger Team and NCC wing has organised a day long Free Health Check up Camp in collaboration with GNRC Hospital, Guwahati at Jarapara Village, Boko on 22-12-2015
- Biotech Hub has organised an Outreach programme on Handling of Minor Biological Instruments at Singra High School on 23-01-2016
- Biotech Hub has organised an Outreach programme on Numbers and Divisibility Theory at Jatia Vidyalaya, Boko on 19-02-2016
- One day Outreach programme was conducted by Biotech Hub at Don Bosco High School , Boko on 24-05-2016 for Popularization of Science/ Bioscience and Biotechnology.
- NCC wing has organised a Yoga Camp in the occasion of International Yoga Day at College Campus on 21-06-2016.

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	100 BIGHAS (33 Acre)	Nil	-	33 Acre
Class rooms	23	02	College Fund	25
Laboratories	14	-	-	14
Seminar Halls	01	01	College Fund	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	01	02	DBT	03
Value of the equipment purchased during the year (Rs. in Lakhs)	5.0	24.56	DBT	29.56
Others		Boundary Wall	College Fund	

4.2 Computerization of administration and library:

Administration:

The computerization of the administration is partially achieved. Admission process is computerized.

Library:

- The bibliographical database of the Library books has already been completed using SOUL 2.0.
 - The Library also offers computerized Catalogue search service through the OPAC interface Soul 2.0 application Software.
 - A total of 12,434 bibliographical data entered in the database.
 - The membership data entry have been completed for computerised library landing system.
 - Bar-Coding process has been completed for existing textual documents.
- Library Wi-Fi access facilities are available for student and staff.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	16644	1505350.83	421	134033.95	17065	1639384.78
Reference Books	5020	554966.05	11	6557.00	5031	561523.00
e-Books	30,000 +	-	-	-	30,000 +	-
Journals	26	64365.00	-	-	26	64365.00
e-Journals	6000+	-	-	-	-	-
Digital Database	UGC-N-LIST	-	-	-	-	-
CD & Video	12	-	-	9	21	-
Others (specify)	(Manuscript)	4	-	-	4	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others (Laptop)
Existing	60	05	03	02	02	05	21	06
Added	05	-	Wi-Fi	-	-	-	-	01
Total	65	05		02	02	05	21	07

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

- A new seminar hall with ICT facilities has been developed.
- Faculties were allowed to participate in any IT related Short term Courses/Training.
- The IQAC has established a linkage with NIELIT and IIE, Guwahati to conduct various training programme on IT and Entrepreneurship development for both Teachers & Students.
- IQAC in collaboration with IIT, Guwahati organised One-day workshop on Outcome Based Learning for Introduction to Computing on 07-11-2015.
- The Internal Quality Assurance Cell in Collaboration with Indian Institute of Entrepreneurship organized a Training programme on “Entrepreneurship Awareness Camp” from 18th May , 2016 to 20th May, 2016.

4.6 Amount spent on maintenance in lakhs :

i) ICT	15,0000.00
ii) Campus Infrastructure and facilities	20,24033.00
iii) Equipments	24,55,651.00
iv) Others	100000.00
Total :	47,29,684.00

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The following measures have taken by IQAC to aware the student of various support services that are available for the students.
 - a) The college prospectus reflects the different support system available for students.
 - b) Details about the student support systems have been displayed in the prime location of the college campus on hoardings.
 - c) At the beginning of every academic session, IQAC organises orientation classes for newly admitted students about different facilities available in the college
 - d) The IQAC also organises awareness programme on different additional schemes launches by agencies like State Govt., UGC, DST, DBT etc. for the benefit of students from financially weak category/SC/ST/OBC etc.
 - e) Regular methods like Display / Notice board etc. are used to display various students' support systems.
 - f) The IQAC directs the concerned departments / cells to notify new activities and services for students.
 - g) Various activities are organized by IQAC to exhibit the student support systems that are available for the students (e.g. workshop for using WIFI facilities / Searching of College website etc.)

5.2 Efforts made by the institution for tracking the progression

- To track the in- house progression of students the following measures have been taken by the college
 - i) Periodical Class Tests, Sessional Examination, Seminar Presentations.
 - ii) Remedial classes for weaker students
 - iii) Tutorial Wards formed by each department
 - iv) Hosted various Olympiad for science students.
- To track student's progression for higher studies, the IQAC and the Academic Cell instruct all departments to keep records of their passed out students.
- Progression of Students Co-curricular activities also monitored through different events like College Week, Inter College competitions, Youth festivals etc. and proper counseling have been arranged for selected students.
- The ICGC of the college has a system to keep records of the contact details of the students before sitting of their last exam and subsequently taken the follow up action after declaration of the results.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1167	-	-	40

(b) No. of students outside the state

03

(c) No. of international students

NIL

No	%
598	51.24

Men

No	%
569	48.76

Women

Last Year (2014 – 15)							This Year (2015 – 16)						
General	SC	ST	OBC	Minority	Physically Challenged	Total	General	SC	ST	OBC	Minority	Physically Challenged	Total
201	45	530	190	85	Nil	1051	156	56	573	262	120	Nil	1167

Demand ratio : 1:1(Aprox.)

Dropout: 5.77 %

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

1. ICGC of the college organised a Training Programme on Quantitative Aptitude for Competitive Examinations on 16.10.2015

No. of students beneficiaries

92

5.5 No. of students qualified in these examinations

NET Nil SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- ICGC has organised an "Orientation programme on Skill Development Courses" in collaboration with Orion Edutech. on 23-06-2016

No. of students benefitted

130

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
Nil	Nil	Nil	Nil

5.8 Details of gender sensitization programmes:

Women cell of the college has organised a "Workshop on Positive Mental Health of Women" on 19.9.2015 where Faculty member, Office Staff and students were actively participated.

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

1. Sri Franchish Boro secured Gold Medal in 1st Open International Ninja Boxing Championship-2015 held at Bhutan from 24th -25th July, 2015
2. Sri Franchish Boro secured 1st position (Gold Medal) in 1st Inter District All Style Kung-Fu Championship-2015 held at Lumding.
3. Sri Franchish Boro secured 1st position in All Assam All Style Open Martial Arts Championship '2015
4. Sri Franchish Boro secured 1st position in 5th National All India Martial Arts Championship-2016 held from 30th to 31st January, 2016 at New Delhi.
5. Sri Franchish Boro won the Gold Medal (senior category) in 1st Greater Kamrup District Martial Arts Championship-2016 held at Guwahati on 19th June, 2016.
6. Sri Nabajit Kumar won a Silver Medal at 4th Open National All Martial Arts Championship-2016.
7. J.N. College Volley Ball Team Adjudged as the Best Team in the GU Inter College Volley Ball Tournament in January, 2016 at North Guwahati College.
8. J.N. College Volley Ball Team Adjudged as the Best Team in Ratnajyoti Sharma Memorial All Assam Inter College Volley Ball Tournament .

Sri Franchish Boro has also successfully completed the Black Belt Course and passed the BLACK BELT of Chinese Shaolin Kung-Fu on 29.11.2015

Sri Franchish Boro also successfully completed the Judge's Seminar under Self Defence Association of Assam on 28.2.2016

Cultural: State/ University level National level International level

1. Ankita Rabha Won Bronze medal in Traditional Folk Song competition in the Inter College Youth Festival under Gauhati University -2016
2. Won Silver Medal in the Folk Dance Competition in the Gauhati University Inter College Youth Festival- 2016

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	05	17000/-
Financial support from government	264	600360/-
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

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

- NSS , Ranger Team and NCC wing has organised a Road Repairing cum Cleanness Drive at Jarapara Village, Boko on 04-11-2015.
- NSS , Ranger Team and NCC wing has organised a day long Free Health Check up Camp in collaboration with GNRC Hospital, Guwahati at Jarapara Village, Boko on 22-12-2015

5.13 Major grievances of students (if any) redressed: No such remarkable grievances have been received from the students . However following minor complaints have received which have been redressed smoothly.

- Student’s grievance regarding Students’ Union Election of J N College has been redressed by means of discussing the matter with the Election Committee.
- Complaint received regarding play ground has been solved by developing the play ground.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Our Vision:

To set a hallmark in the field of education and to preserve, create and disseminate knowledge through teaching, learning, innovation and experimentation to mould responsible individuals for leading a society with a desire for progress and prosperity of the human race.

Our Mission:

The following Mission aim to translating the vision of our college in to action plans-

- To create a healthy academic environment for promotion of quality education to the masses
- To develop a pool of highly educated individual who are not only competent in facing the present but also shaping their future.
- To set an ideal standard for achieving excellence in the field of teaching and research.
- To build competitive infrastructure to attract student, teachers and Researcher seeking to translate dreams in reality.
- To promote innovation in planning, teaching and evaluation to achieve higher scales of perfection.
- To make higher education a part of the social environment through community participation and sustainable development to eliminate social evils that persists in the region and thereby creates social harmony.

6.2 . Does the Institution has a management Information System : **Yet not.**

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

6.3.1 : Curriculum Development

- i) The Curriculum is prepared by the Gauhati University and our institution follows the instruction given by the affiliating university.
- ii) Some of the teachers of our college are the members of the CCS of various Departments and indirectly contributed to the development of undergraduate curriculum.
- iii) Department of Botany, Education and Political Science have prepared the curriculum for UGC sponsored carrier oriented certificate courses in 'Mushroom Cultivation', 'Montessori Methods' and "Human Rights and Duties" which were subsequently approved by Gauhati University.

6.3.2 Teaching and Learning

- Use of Digital Board for effective Teaching & Learning.
- In order to develop the potentiality of the student's Classroom Seminar presentation is mandatory for the major Students.
- Students are encouraged to participate in Group Discussion, Seminar, Workshop, Popular Talk etc. to develop their academic potential.
- Departmental Field Study and Educational excursion have been conducted to gather knowledge.
- To enhance the practical skill of the science student's hands on training/workshops have been conducted on different relevant field.

6.3.3 Examination and Evaluation

- Entrance Test for Major Courses, Class Test, Sessional Examination and Semester Examination have been conducted regularly.

6.3.4 Research and Development

- The faculty members are encouraged to carry out Major & Minor Research Project and authority has extended all necessary facilities for the same. A few faculties have been actively involved in research activities and encourage and help the aspiring faculties for the same.
- For the benefit in the research work a total of 26 different journals(Both print version and online) are made available in the Library. Besides INFLIBNET facility is also available in the library
- Two Major Research Projects is going on in the department of Botany funded by UGC, New Delhi and ISRO through NRSC, Hyderabad
- The DBT sponsored Biotech Hub also actively engaged in research and also helping the host and nearby institutions for carry out research. The Hub is equipped with advanced instruments which has made available for all to carry out research.
- Computer Lab with internet facilities and online library resources are made available for teachers, researchers and students to carry out their research work.
- The UG students having Major are encouraged to carry out Minor Project works.
- To encourage students, researchers and faculty members towards research work Assamese Department has been publishing a Journal "Asomjyoti" with ISSN No 2319-8559.
- Seminars and conferences are arranged time to time to develop a research atmosphere within the college.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- In this session, 421 Text books and 11 Reference Books were purchased amounting Rs. 140590.95
- The bibliographical database of the Library books has already been completed using SOUL 2.0.
- The Library also offers computerized Catalogue search service through the OPAC interface Soul 2.0 application Software.
- Barcode technology is functional.
- A Local Area Network (LAN) has been set up with four computers in the library.
- The Library is connected with the high speed internet facility and library user can avail the internet facility.
- New laboratory Equipments purchased for science departments.
- A new conference hall with ICT facilities and a smart class room is developed out of KKHSOU fund.
- The Swimming Pool and the Indoor Sports facilities have completed and made available for the use of the students and faculty members.
- The Guest House constructed under MP fund is also made available for public use.
- A new office section for administrative work has also been constructed and made functional.

6.3.6 Human Resource Management

- The college management always discuss and negotiates on key issues of the college to ensure a healthy relation with the staff. Distribution of works and decentralization of power helps to maintain a friendly relation between management and the staff.
- The college authority encourage faculty members to attend in Refresher Course, Orientation Programme, STC, National Seminar, International Seminars, Conferences, Workshop, FDP and Training Programme etc. for their career development.
- The Principal takes all necessary steps towards the CAS promotion for teaching and non teaching employees.
- The college has developed a 'Day Care Centre' within the campus for the benifit of employee's sibling.
- Faculty members are engaged in different administrative and student related works on the basis of their interest as well as their expertise in the concerned field.

6.3.7 Faculty and Staff recruitment

- The management takes necessary steps to fill the vacant permanent faculty and staff position immediately after the creation of vacancy.
- For Faculty and Staff recruitment the institution follows the Rules & Regulation laid down by UGC and State Governments. During the time of recruitment the Roaster system is maintained properly.
- To minimize the work load of employees during the peak season, part time faculties and non teaching staff are recruited.

6.3.8 Industry Interaction / Collaboration: Presently the college doesn't have any collaboration with any industry.

6.3.9 Admission of Students

- Advertisement for admission is done through banners and flexes displayed in prime locations and also published in college notice board.
- Admission procedure is open mode and fully on merit basis.
- Strictly follows the Reservation policy of Government of India.
- Merit List is prepared and displayed in the College Notice Board before the Admission.
- Provided Financial aids to a few Poor and Meritorious students.

6.4 Welfare schemes for

Teaching	J N College Employees Mutual Aid Fund has a provision of financial aid facility for their employees on medical ground.
Non - Teaching	J N College Employees Mutual Aid Fund has a provision of financial aid facility for their employees on medical ground.
Students	<ul style="list-style-type: none"> • Financial aid are provided to a few Poor and Meritorious students from college fund and from JN College Teachers Association. • Some departments have its own scholarship scheme for their meritorious major students. • Free health check up scheme

6.5 Total corpus fund generated

57,00,000.00

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	Yes	Academic Cell, Meeting of HODs
Administrative	No	Local Audit Department, Govt. of Assam	Yes	Governing Body of the College

6.8 Does the University/ Autonomous College declare 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?

NA

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

- The Alumni Association of the college met from time to time and participate in different activities of the college.
- Few Alumni have donated minor furniture and laboratory goods to some departments.

6.12 Activities and support from the Parent – Teacher Association

- In various social activities of the college, both Guardians and local elites participated actively and forwarded their suggestions for betterment of the Institution.
- Ahead of the new academic session meeting with the parent and guardians are arranged.
- The members of the Teacher's Unit also actively participate in all kinds of Student related activities . Besides they also actively participate in Academic activities and help the Administration in various Administrative works of the college like RUSA, UGC, DBT, AISHE etc.

6.13 Development programmes for support staff:

- For the overall development of the support staff and enhance their working skill different workshops and training programme has been organised time to time. A day long workshop on Outcome Based Learning for Introduction to Computing was organised for office staff. NIELIT Centre of the college has also constantly trained and guided the office staff regarding handling and use of ICT tools.

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

- J. N. College has a naturally green and clean campus and to maintain its greenery
- Annual plantation programme have been taken and effort have been made to maintain those newly planted tree saplings. Initiative has also been taken to develop a Flower Garden to enhance its scenic beauty.
- Seating arrangement for students have made beneath the trees so that student can utilise their leaser time in a positive way.
- Sufficient Dustbin have been installed to make the campus clean.

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.

- A memorial award has been initiated by the department of Economics for the students getting Highest Marks in Economics Major final examination.
- For the easy access of Text Book and other learning materials a Book Stall has established in the college campus.
- Organised a Workshop on Kamrupi Lok-Geet to conserve and disseminate the rich folk culture of the region.
- Introduced Computerization in Admission process.

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 at the beginning	Action Taken	Achievements
Opening of P.G. Courses	Proposal for opening PG courses in Assamese has been submitted to Gauhati University	Proposal Accepted and got permission
Extension of Administrative Building	The extension of the ground floor of the Administrative Building was started	The extension of the ground floor of the Administrative building completed.
Construction of boundary Wall	Initiative taken	A major part of the boundary wall has constructed.
Completion of Indoor Sports facilities and Swimming pool constructed under UGC fund	Both have Completed.	Made open for the use of J.N. College fraternity.
Completion of the Guest House	Funds have utilised properly	Completed and inaugurated.
New Science Block Construction	Started a New Science Building from State Govt. grant.	Major part of the construction has completed.
Construction of a separate KKHSOU Study Centre Building	Construction started on 6th September, 2015	Completed a separate Assam Type Building of KKHSOU Study Centre with a Conference Hall and a digital class room along with the other facilities.
Augmentation of laboratories	DBT Star College grant has been utilised properly by the participating departments.	The laboratories of all participating science departments have been augmented up to a standard level

To open a Book Stall in the college campus.	Proposal from various local agencies have invited	A book stall has established in the campus for the greater benefit of the college fraternity.
Completion of computerization of library	Additional temporary Library assistant has recruited to expedite the process.	Still not completed but process is in progress.
Augmentation of IT infrastructure.	Approached to Rabha Hasong Autonomous Council for computer.	Received Five new Computer from Rabha Hasong Autonomous Council for the computer lab.
Introduction of skill development programme	Submitted a proposal to UGC under Community College Scheme on Diploma Course in Food Processing Technology.	Received Community College Scheme from UGC and started Diploma Course in Food Processing Technology.
Effective Teaching - Learning	Planning for Hands on Training/ Workshop / seminar for Students and faculty members.	Conducted a good number of Workshop, Hands-on training, Popular talks have been organized under Community College Scheme/ DBT sponsored Institutional Biotech Hub and Star College Scheme.
Community Service	Different wings of the college like NSS/NCC/ Ranger team/ Womens Cell have worked collaboratively.	Organised Free Health Check-up Camp at Jarapara Village, Boko., Plantation programme on the occasion of Vana-Mahotsav at Jarikuri Reserve Forest in association with Forest Department.
Collaboration with Other Institute	Process has initiated	Able to established a Collaboration with NIELIT, Guwahati

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

1. Continuous effort to enhance infrastructure and learning resources.
2. Established a Book Stall in the College Campus..

Details provided in the in annexure: III

7.4 Contribution to environmental awareness / protection

- College has a few patches of Natural Sal (*Shorea robusta*) forest inside the campus and has been conserving and maintaining the same in spite of an incomplete boundary

wall. Besides college has developed a wasteland initially lying barren to a Commercial Rubber Cultivation site in association with the Central Rubber Board.

- Every year on the occasion of World Environment Day the college organises a plantation programme and a Seminar/ Popular Talk in order to create environmental awareness among the Students & others. The college also observes Van Mohotsav, World Wetland Day, etc every year to create environmental awareness.

7.5 Whether environmental audit was conducted? Yes No

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

SWOT Analysis of the Institution:

Strength: The strength of the college may be described in terms of

- (i) Physical resources: Good and sufficient Infrastructure for teaching-learning, Co-curricular activities, Hostel for students accommodation.
- (ii) Human resources : Dynamic and dedicated faculty, Poor and needy student with immense zeal for learning.
- (iii) Learning resources: Library with sufficient books and journals, ICT facilities, Biotech Hub, GIS lab, Language lab etc.
- (iv) Enough Land resources for further expansion of the campus.

Weakness:

Following are the some weakness in teaching- learning methods in the institution—

- (a) Shortage of permanent faculty in majority of the departments
- (b) Inadequate research laboratories and facilities for enthusing faculty members
- (c) Incomplete boundary wall throughout the campus.
- (d) Limitation in the involvement of Alumni
- (e) Limitation of opening job oriented and skill development courses for the students.
- (f) Lack of campus recruitment facilities

Opportunities:


- (a) Upgradation of the college to a full flagged PG college in Arts , Science and Commerce
- (b) Introduction of more job oriented ,skill development and self employable courses and other emerging subjects.
- (c) Research and extension activities in the field of local culture, natural recourses and its utilization
- (d) Mobilization of the existing resources of the college for self sustainability.

Challenges:

- (a) To provide job opportunities to the degree holders and prepare the students to face the challenges in the present scenario.
- (b) Due to the poor economic back ground of the locality it is difficult to open self-financed job oriented courses
- (c) To provide hostel facilities to all the needy students specially male students.
- (d) To meet the demand for Uninterrupted power supply.

8. Plans of institution for next year (2016 – 17)

- Opening of PG classes.
- Submission of proposal to RUSA
- Extension of the Boundary Wall
- Installation of a transformer
- Extension of library
- Holding different Hands-on training , Workshop, Interdepartmental activities for students and Community development programmes
- Improvement of academic environment
- Improvement of drinking water facility
- Development of a Flower Garden
- Construction of a Car Parking and extension of existing Bicycle stand.



(Dr. S. K. Bhuyan)

Joint Coordinator
IQAC,
J. N. College, Boko

Co. Ordinator
I.Q.A.C.
J.N. College, Boko



(Dr. R. Baishya)

Joint Coordinator
IQAC
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J.N. College, Boko



(Dr. Nripen Goswami)

Chairperson,
IQAC
J. N. College, Boko

Principal
Jawaharlal Nehru College
Boko

Academic Calendar: 2015-16

Annexure : I

Month	Dates	Occasion (Holiday/ Sunday and other activities)	No. of Days	No. of Teaching Days	No. of Working Days
July, 15	1-31 5, 12, 19, 26	Summer Vacation Sundays	31 4	00	27
August 15	3 15 25 2, 9, 16, 23, 30	College Establishment day Independence Day Freshmen Social Sundays	1 1 1 5	23	25
September, 15	02 15 21-22 25 28-30 6, 13, 20, 27	Tithi of Madhab Deva Tithi of Sankar Deva Students' Union Election Id-Uz-Zuha Sessional Exam Sundays	1 1 2 1 3 4	21	23
October, 15	2 18-27 4, 11, 18, 25	Gandhi Jayanti Kati Bihu, Durgapuja, Muharram, Lakshmi Puja Sundays	1 10 4	17	17
November, 15	10-11 25 1, 8, 15, 22, 29	Kali Puja, Diwalee Guru Nanak Birthday Sundays	2 1 5	22	22
December, 15	1 st week onwards 25 6, 13, 20, 27	Semester (Final) Exams. Christmas Sundays	**** 1 4	11	26
January 16	1-10 14-17 26 15-21 3, 10, 17, 24, 31	Winter Break Magh Bihu & Shilpi Diwas Republic Day College Week Sundays	10 4 1 7 5	10	21
February, 16	13 7, 14, 21, 28	Saraswati Puja Sundays	1 4	23	24
March, 16	7 23-24 25 26-30 6, 13, 20, 27	Shivaratri Doljatra Good Friday Sessional Exam Sundays	1 2 1 4 4	23	23
April, 16	14-16 3, 10, 17, 24	Bohag Bihu Sundays	3 4	23	23
May, 16	1 21 3 rd week onwards 1, 8, 15, 22, 29	May Day Buddha Purnima 6 th Semester (Final) Exam. Sundays	1 1 5	13	24
June, 16	1 st week onwards 5, 12, 19, 26	Semester (Final) Exams. Sundays	4	09	26
Total				195	281

Analysis of feedback from students

The structured feedback form for students is prepared covering mainly three dimensions namely Curriculum, Teachers and Library resources. In feedback the statement of curriculum includes the items on curriculum outlines and its coverage, teachers includes the item on the quality of subject knowledge, communication skills, sincerity, ability for broader perceptive, accessibility etc.

The statement is framed in four point Likert respond mode ranging from very good to unsatisfactory. A total of 250 students have participated in the feedback mechanism during the session 2015-2016. The summary of the student feedback is given below.

Regarding the Dimension of curriculum (Curriculum outline and its coverage) 81% students of the total rated very good 13% students rated good, 5% students rated satisfactory and only 1% students of the total rated unsatisfactory.

With respect to the dimension of teachers (subject knowledge, communication skills, sincerity, ability for broader perceptive, accessibility, etc.), 85% of the total students assessed rated very good, 11% students rated good, 3% students rated satisfactory while only 1% of the total students assessed rated unsatisfactory.

Finally, with regards to the dimension of Library resources (Library uses and internet facility), 73% of the total students assessed rated very good 18% students rated good, 3% students rated satisfactory while only 2% of the total students assessed rated unsatisfactory.

Annexure: III

Best practice I:

i. Title of the practice: Continuous effort to enhance infrastructure and learning resources.

ii. Goal: To provide all sorts of Infrastructure including class room, Laboratory, Instruments, ICT and recreational facilities to the students and faculty members to maintain quality in the teaching and learning process.

iii. The context: Time ,society and increasing number of student enrolment demand sufficient ,modern and scientific teaching -learning facilities in a college like us which has completed its Golden Jubilee year. Being a leading higher educational institution in the rural and tribal area student should get all kind of modern and scientific facilities that have enjoyed by the students a city based college.

iv. The practice: The College authority has been continuously trying to increase all sorts of infrastructure facilities for the benefit of the college fraternity. A new science building have been started from the State Government Fund. With the help of DBT Star College fund five Science department have developed their laboratories up to a mark with advanced and sufficient instruments. For physical development of the college family the new Indoor sports facilities and swimming pool have made functional. A new small conference hall has also been constructed with ICT facilities. For smooth functioning of the office the existing administrative building has been extended well compartmentalised office has developed.

v. Evidence of success: Class rooms become available to meet the demand of the daily routine. Students enjoying the sports facilities. All the departments specially science departments utilizing the newly created ICT facilities. All the science departments under DBT star college scheme have developed their laboratories with advanced equipments. The newly created conference hall with ICT facilities has been utilised by the college and by the local administration as well.

Best Practice II:

i. **Title of the practice:** Established a Book Stall in the College Campus.

ii. **Goal:** The Book stall is primarily established with an aim to provide students easily and within their reach with Text books, reference material, Competitive Exam oriented books, newspaper, question banks as well as stationary goods at a cheaper and discounted price. This is done to help the students particularly the meritorious and the poor. Further, the book stall with its rich repository of books can instil the spirit of learning and thereby motivate students toward learning and competitive spirit and achieve a learner centric environment in the college.

iii. **The context:** Our college is situated in a rural tribal area where most of the students belong to the SC/ST/Minority and the financially weaker section. The college central library provides only two library cards to students and therefore insufficient to provide required books to students.

In addition each department of the college is equipped with a departmental library which fosters the needy and meritorious students with books and study materials and sustains this culture of noble practice in college.

iv. **The practice:** The stall tried hard to fulfil the required demand of the students, departments and faculty members for supplying books, stationeries etc as per their capacity. Besides students of the nearby area also benefited from this book stall.

v. **Evidence of success:** Poor and needy students have been mostly benefited as they can buy their required book at a cheaper rate inside the college itself. Necessary annual stationary goods are also supplied by the stall and thereby helping the authority in a great way. A good habit of book reading, group discussion, exchange of knowledge have developed amongst students. Leisure time has been utilised appropriately therefore.

vi. Contact details:

(a) **Name of the Principal:** Dr. N.Goswami

(b) **Name of the institution:** Jawaharlal Nehru College, Boko,781123

(c) **Accredited status:** Preparation for Third Cycle

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(Dr. Nripen Goswami)
Principal

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