

**Annual Quality Assurance Report (AQAR) of the IQAC.**

Name of the College: MATHAKARAGOLA DEGREE COLLEGE. MATHAKARAGOLA

Name of the Affiliating University: UTKAL UNIVERSITY, ODISHA.

Year of Report: **2017-18.**

**Section A: Plan of Action chalked out by the IQAC in the beginning of the year towards quality enhancement (attach separate sheet if required).**

“Development does not start with goods it starts with people and their education, organization and discipline” According to the spirit of this great saying in this academic year **2017-18** the institution has strived its heart and soul to sustain, nourish, preserve and accelerate the plan of action for quality enhancement and goal accomplishment. In justification to its NAAC grade “B” the institution is sincerely committed to move forward in fulfilling the valuable suggestions given by the NAAC Peer Team and also to strengthen its institutional mechanism as a preparatory for future action plan.

- In this academic year the activities undertaken in previous year were expanded.
- To enhance the standard of institution a wide measure was undertaken in the line of digitization. Hence advanced technical tools like Kyan and Projectors with high potential were purchased and utilized for the better academic purpose.
- In meeting the need of newly opened honours subjects in science stream required number of practical apparatus were procured.
- As it is an important goal of the institution to increase no. of books in library this year did not stand exception.
- An amount of Rs. 75000.00 (Rupees Seventy five thousand only) was spent in purchasing 300 nos. of books.
- An amount of Rs. 2500000.00 (Rupees twenty five lakhs only) was sanctioned under Infrastructural grant and also utilized for construction of additional class rooms to accommodate the growing demands of students’ community.
- Under CBCS system our institution has been strengthen with honours subjects in Economics, Education, History, Pol. Science, Philosophy, Odia, Commerce. In addition to the above academic growth the institution could be able to start with all honours in Science like Physics, Chemistry, Mathematics, Botany and Zoology.
- Another 32 seats were increased in Regular courses in Arts for this academic year
- All steps were taken to create and sustain an academic environment conducive to academic and professional excellence by making the students and teachers vibrantly involved in teaching learning process.
- To foster creativity, scientific temper, leadership and sportsmanship different measures have been enforced.
- For quality development of beneficiaries of the institution various activities were undertaken specially relating to organizing seminars, workshop, literary activities, cultural events and etc.
- As a vital aspect of institutional building participation of Community, Alumni, Parents Body, Business Establishment, NGOs having constructive objective for upliftment of downtrodden, various technical institutions have been sincerely encouraged
- The institution has a firm vision to provide best quality methods of teaching and learning process through ensuring smart classes to the students with latest mechanism, establishment of computer accessible to all.
- As special attention an Active Remedial Couching Cell was kept alive which was started from previous academic years.
- As an effective medium to communicate the parents about the performance of their wards institution holds parent teachers meet twice a year.

## Section B: Details in respect of the following (Attach separate sheet).

### 1. Activities reflecting the goals and objectives of the college:

In this academic year effective measures were taken to sustain the undertaken activities with true spirit. New innovative ideas were nurtured to transform our institution into an ideal place of learning, a healthy and progressive educational institution where students community get ample scope to manifest their potentialities to become ideal citizen with total commitment to human values social responsibility and flourishing national goals. Under CBCS system our institution have been strengthen with honours subjects in Economics, Education, History, Pol. Science, Philosophy, Odia, Commerce. In addition to the above academic growth the institution could be able to start with all honours in Science like Physics, Chemistry, Mathematics, Botany and Zoology. This is a clear reflection of fulfilling one of the valuable suggestion put forth by the NAAC Peer Team in its visit to our institution. The core and vital goal of the institution is to develop a system for all round improvement in both qualitative and quantitative like Red ribbon club, Blood donation camp, NSS regular camping and special camping, involvement in Clean India mission, Self Defence training to girls students, participation in district level and state level programmes both by the students and teachers, additional infrastructure facilities which includes drinking water, sanitation, laboratories, library, playground etc. were well reflected as the goal and objectives of the college. Representation of the college was done in national level and bringing in the field of sports by the students. The college is committed to accomplish the vision, mission and long cherished objectives as have been framed and formulated with intensive care.

### 2. New Academic programme initiated (UG & PG):-

a. UG: -

Stream	Subject	Existing	New	Total
Arts	Economics	32	-	32
	History	32	-	32
	Education	16	-	16
	Pol. Science	16	-	16
	Philosophy	16	-	16
	Odia	16	-	16
Commerce	Commerce	48	-	48
Science	Physics	-	16	16
	Chemistry	-	16	16
	Mathematics	-	16	16
	Botany	-	08	08
	Zoology	-	08	08

b. PG: - NIL.

### 3. Innovation in curricular design and transaction:

Curricular design and transaction decide the motto of educational frame work for nation building. The relevance utility of curriculum has been proved to be instrumental in providing proper shape to institutional growth. Keeping this thing in mind our institution ensured:

- To extract hidden potential of the student population the curricular design inculcates effective methods which have been followed by the institution. To materialize that a participatory method of teaching was put in to practice in whole academic session.
- Since the institutional head, Principal is an active member of senate and academic council of Utkal University, his contribution in innovation curricular design has been remarkable.

- A regular feedback session is being undertaken to know the students response to the existing system and accordingly effective measures are taken to satisfy them.
- Expansion of more number of smart class rooms.
- Greater emphasis on application of digitalization of teaching learning methods to enhance E-learning process for conceptualization of theoretical knowledge incorporated in syllabus.
- Additional classes were conducted to build the confidence level of students for career nourishment.
- Preparing teachers for knowledge world in accordance with innovative ideas.
- Better gate security major to stop outside interference in study hour.
- Employment News, Rojagar samachar, Industrial information, supply of resources for employment application etc. are available.
- For subscribing some national and international journals of science and humanities the process has been initiated by the institution.

#### **4. Inter- disciplinary programmes started:**

With the rapid evolution of humanities inter disciplinary programs have been implemented in teaching learning discourse. In meeting the need of present educational system our institution has been striving to carry out the following activities.

- In departmental seminars Inter disciplinary topics are being choosen.
- Since the institution procures varieties of disciplines like Science, Commerce and Humanities there is a regular interaction cutting across the discipline with an objective to enhanced multi disciplinary knowledge of the student communities as well as teacher.
- Indian Society and culture, Population study and Environmental study etc. are standing examples undertaken as inter disciplinary course to develop departmental rapport.
- Diploma in Elementary education course has been started
- Environmental Education and Modern Office Management course has been started
- Computer Application in Business has become compulsory subject in Commerce

#### **5. Examination reforms implemented:**

In due course of examination practice and procedure some amount of reforms have been initiated like

- CCTV Cameras have been installed in examination Hall to prevent any unfair means inside the Examination Hall.
- Providing ample space to the students to write their exams with free and fairness.
- Proper steps have been followed to ensure timely conduct of examination.
- As a part of examination process our institution takes different measures to do away with unfair means by the students.
- To conduct the examinations the institution has a strong room for reservation of Answer scripts.
- For smooth conduct of practical examination required equipments and appliances have been provided.

**6- Candidates qualified: NET/SLET/Get etc: - 01 (NET).**

#### **7. Initiative towards faculty development programme:-**

The main objective of Higher Education system is to attain sustainable development through faculty development programme by assimilation, creation and transmission of knowledge.

- In meeting the goal the institution undertaken different orientation programme internally.

- Faculties of different discipline participated in orientation and refresher course organized by different universities.
- By 2017 total ten teachers completed their refresher as well as orientation course successfully.
- Regular intellectual discussion for different departments is being organized with a motive to strengthen volume of knowledge of teaches and update their knowledge.

**8. Total numbers of seminars/workshops are conducted:**

Seminar/workshops are vibrant platform to put forth intellectual views and arguments on social, political, economic, cultural and humanitarian issues to reach at some constructive decision. Our institution has organized 08 Nos. of seminars in doing justice to the above statement.

Sl No.	Organized by	Seminar (National / State / Internal)	Theme of the Seminar	Dates
1	Department of Economics	State	GST an ultimate Tax Reforms	15.12.2017
2	Department of Pol. Science	State	Secularisms in India: an introspection	14.12.2017
3	Department of English	State	Jhon Donne: A Metaphysical Peot	05.01.2018
4	Department of Odia	State	Swabhabakabi Gangadhar Mehera nka Sahitya Sambhar	27.12.2017
5	Department of Commerce	State	Goods and Service Tax	06.08.2017
6	Department of Commerce	State	Direct Tax	13.12.2017

**9. Research projects:-**

- Ongoing- 01.
- Completed- Nil.

**10. Patents generated:- Nil.**

**11. New Collaborative researches/ Programmes:- Nil**

**12. Research grants received from various agencies:- UGC**

- Rs.1, 45000. (1 Lakhs Forty five thousand rupees) only from UGC.

**13. Details of Research Scholar:- Nil**

- Prof. Naba Kishore Si, Dept. of History, Mathakaragola College, Mathakaragola, Dhenkanal

**14. Citation index of faculty members and impact factor:**

**15. Honours/ Awards to the faculty:**

- National: Nil
- International: Nil

**16. Internal resources generated: Nil.**

**17. Details of departments getting assistance / recognition under SAP, COSIST (ASSIST)/ DST, FIST and other programmes:- Nil.**

**18. Community services:-**

With a motive to encourage student community in the line of community service the Institution organized some awareness program in this academic year. To develop community bond an increase level of participation different welfare activities have been initiated which are reflected as follows:

- As a part of swatch Bharat Abhiyan program several group discussions have been done among the student community who increase the awareness and to prepare them for community service.

- Cleaning of Village environment, cleaning of Temple premises, cleaning of Community health centre
- Counseling for Drug addiction, family counseling , hygienic and sanitation
- Blood donation camp, plantation etc. have been done through 3 nos. of NSS units, Red ribbon club and Scout and guides team.

**19. Teachers and Officers newly recruited:-** Teachers-01 Non teaching- 03

**20. Teaching and Non-teaching ratio:-** 2:1

**21. Improvements in the library services:**

In its endeavor to sustain quality education an amount of Rs. 75000.00 (Rupees Seventy five thousand only) has been spent in purchasing books for strengthening and enriching the library. After the valuable suggestions given by NAAC Peer Team the institution started implementing them for quality enhancement of library, the knowledge house for both faculties and students.

- 300 Nos. of books were purchased which includes text books, reference books and journals, periodicals, encyclopedia etc.
- In order to equip the library with E-facilities some initiatives have been taken by adding more number of computers.
- Keeping globalised educational forum in mind the institution started expanding its existing infrastructure.

**22. New books/journals subscribed and their value:**

- Journals like Jojana, Kuruketra, Gyan Bitaran & Science Horizon are regularly subscribed. Besides employment news is subscribed on regular basis.
- Apart from this as per the suggestion of NAAC Peer Team process has already been started to subscribe some important journals like Economic and Political Weekly, All India Journal of Social Science and etc.

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:-**

In UG courses like Economics, Pol. Science, Philosophy, History, Education, Odia, commerce and Science students assessment of teachers were practised. Apropos to the students feedback the concerned departmental teachers were advised to take adequate steps for mitigating the problems faced by the students. On the basis of feedback received constructive reflection meeting was being done to get rid of various pitfalls lies with teaching learning environments.

**24. Feedback from stakeholders:**

Feedback mechanism found to be effective remedy to build the connectivity between institution and stake holders. The feedback put forth by the stakeholders may be read as:

- The stakeholders of our institutions have placed remarkable suggestions through feedback for quality assurance of education.
- Suggestions were accepted by the institution from the stakeholders for improvement of communicative skill of the students and other techniques need to be taught to the students for their career achievement.

**25. Unit cost of education:**

- Including the salary component-Rs.4580.00
- Excluding Salary componemt-Rs.3500.00

**26. Computerizations of administration and the process of admission and examination result, issue of certificates:-**

As per the instruction and guidelines of NAAC Peer Team the thrust area for the institution is computerization. Hence the institution has materialized the idea of digitalization of whole administrative mechanism including admission, examination result and issue of certificate.

**27. Increase in the infrastructure facilities:-**

As it is the need of the hour the institution expanded its canteen and brought it as a very well furnished floor to accommodate a good number of students. Taking a step further for the growth of infrastructure of the institution in this year an additional 4500 sqft area have been constructed for Class rooms, Toilet and Strong room.

**28. Technology upgradation:**

- Introduction of more number of smart classes.
- Computerization of library.
- Computerization of Office
- Installation of more numbers of computers in reading room

**29. Computer and internet access and training to teachers, non-teaching staff and students:**

- To refresh the teachers, non teaching staff and students in this year one month training on computer and internet accessibility were conducted.
- A basic idea in computer was provided to the students at Degree level to increase their interest towards E-learning.

**30. Financial aid to students:**

The Govt. of Odisha and the ovt. Of India have lunched many schemes to provide scholarship to the students of Odisha. The students who belongs to ST, SC, OBC/SEBC, have grabbed the opportunity and avail the same.

- Under National Scholarship scheme deserving students were selected and given the financial benefit.
- Post Matrics Scholarship PRERANA is also given to the students from weaker sections of the society.
- Students those who are physically challenged given scholarship, Senior Merit scholarship, Merit cum Poverty, Beedi Scholarship, Mining scholarship, National sport talent scholarship.

Sl No.	Type	OBC/SEBC		SC		ST	
		Boys	Girls	Boys	Girls	Boys	Girls
1	Post Matric Scholarship (PRERANA)	46	57	22	16	10	19

Sl No.	Type	No. of Students
1	Senior Merit Scholarship	03
2	Mining Assistant	01
3	Workers welfare Board	01
4	Poverty cum Merit Scholarship	01
5	Labour welfare	10

**31:- Activities and support from the Alumni Association:**

The Alumni association of the institution found to be effective in getting involved in the institutional activities.

- Extended spirit of involvement in different functions organized by the institution.
- Giving suggestions for strengthening quality education.
- Reflected their willingness in different social programs like plantation, Blood donation camp and various awareness programs.

### 32:- **Activities and support from the Parent- teacher Association:**

Parent teachers bond is calculated as most powerful bond to nourish the students. The institution has accepted this interface as a hallmark in its academic engagement.

- All the departments hold parent teachers meeting to ensure a productive link among teachers, parents and students.
- The outcome of this meeting was immensely effective in involving the parents and gaining their support in various institutional activities including community building, welfare activities in NSS, YRC and Echo club of the college.

### 33. **Health services:**

- Two numbers of Blood grouping camp.
- Two numbers of Malaria prevention and Aids awareness were organized during this year.
- Besides those regular supply of Fast-Aid are being done to students and the staff inside the college campus.

### 34. **Performance in Sports activities:**

Sports have been valued as a significant wing of teaching learning system for Higher Education. Our institution has taken utmost care for fulfilling the desire of students in providing extreme opportunities in the field of sports. They may be reflected as follows:

- In academic year 2017-18 our institution provided opportunity to different students both (Boys and Girls) to participate in different events in inter college level.
- As its strength the college organized inter college tournament where twelve colleges under Utkal University participated. The college represented its sports potential through Athlete meet organized by U N College, Adaspur from 08.11.2017 to 11.11.2017.
- The college became runners up for Men in Ball Badminton Inter College Tournament.
- The women team of Ball Badminton made the college proud by becoming champion in Inter College Tournament of this academic year.
- The college also participated and grabbed third position in Men Hand Ball and Women Hand Ball as well.
- The college also participated in Kabadi, Volley, Aquatic swimming, Net Ball (Men & Women) in Inter College Tournament

The sports department of the institution has been committed to keep the sports man spirit up by creating space in the realm of national sports events. By doing justice to its enumerable ability the institution proudly represented Utkal University at National games.

Sl No.	Name of the Games	Venue	Date	Name of the Students
1	Ball Badminton (Women) (All India)	Dravidian University, Kupam	05.02.2018 to 09.02.2018	Bluish Shama Jagyaseni Baral Manasmita Rout
2	Ball Badminton	Yogi Varmena	27.10.2017	Satyabrata Baral

	(Men) (All India)	University, Kadapa	to 28.10.2017	
3	Hand Ball (Men) Eastern Zone	TM Bhagalpur University	15.10.2017 to 18.10.2017	Rinku Senapati

- Annual Sports event of this year is also reflection of strength of the sports wing of the institution.

### 35. Incentives to outstanding sports person:-

Since the sports activities appear to be one of the important strengths of the institution, keeping this things in mind the college authority strive to encourage student by giving incentives.

- The College authority rewarded all students having outstanding achievement of sports in its Annual Function.
- Financial incentives were provided to enhance the interest level of the students.
- There is a regular interaction undertaken as practice to motivate more no. of students towards sports.

### 36. Students achievements and awards:

The institution's curricular and extracurricular achievements by the students speak loudly about the Holistic growth of the institution.

- In this academic session Sujata Maharana made the institution proud by getting First Class First Position in University Exam with Honours in History.

### 37. Activities of the guidance and counseling unit:

The institution maintains its proactive objective in catering the employment facilities through its guidance and career counseling unit.

- During this year 2 nos. of carrier counseling programme were organized by the institution in collaboration with United School of Business Management, Bhubaneswar
- A self employment programme was organized by Regional Industry Center, Govt. of Odisha, Bhubaneswar to equip the students for fulfilling their future needs.

### 38. Placement services provided to students:

Employment Generation is the primary motto of the institution. In meeting the need our institution created opportunity for the students to get placed in both Govt. and Private sectors.

- More than 50 nos. of students were placed during this year in Govt. and non.Govt. Organization from which some names are worth mentioning: Amandeep Nayak, Mithun Khuntia, Khageswar Nayak, Supriya Swain, Sagar Nayak, Abhimanyu Nayak, Sudarsan Behera Awini Mohanty, Satya Swarup Sahoo etc.

### 39. Development programme for non-teaching staff:

The institution has undertaken with a clear objective to empower the Non Teaching Staff who found to be Back Bone of Administrative Mechanism.

- One month Training Program was organized for the non teaching staff in computer and various essential programmes were imparted to them for smooth functioning of Office.

### 40. Good practiced of the institution:-

- Access to digital library through internet.
- Ban of cell phone in college campus during Examination by students.
- Use of Uniform and ID cards by the students.



- 24 hours security service in the main gate and maintains of visiting register.
- Plantation inside the college campus
- Imparting moral education to the students
- Regular Yoga Classes for the students are organized.
- Regular career counseling program are conducted on full-fledged basis.
- Community orientation is the key stone.
- Installation of Bio Metric Attendance
- 240 girls students were given Self Defence Training as a constant goal to empower them.

**41. Linkages development with national/international, academic/research bodies:**

All effective steps have been taken to ensure academic enrichment by getting connected with national research bodies and academic bodies.

- The institutional head, Principal Prof. Chittaranjan Dash is an active member of the senate and always been contributing in his capacity for different academic development of the university.
- Prof. Chittaranjan Dash, Principal of the institution careering the responsibility as District Programme Officer, NSS of Dhenkanal and proved to be effective in his capacity.
- The institution represents its academic accomplishment and gets involved in different research committee of the University.

**42. Action taken report on the AQAR of the previous year:** - NA

**43. Any other relevant information the institution wishes to add:** - NA

**Section C: Outcomes achieved by the end of the year (attach separate sheet if required).**

- Science stream opened with honours facilities
- Additional class rooms constructed
- All the staff members have undergone computer training.
- All the students and staff are having free access to internet facilities.
- Students are highly encouraged to get involved in curricular as well as extracurricular like sports, debate, Quiz contest, cultural activities etc.
- Results in UG level are highly satisfactory.
- Accomplishment of an eco friendly campus.

**Section D: Plans of the college for the next year.**

- Construction of Ladies Hostel.
- Construction of Hostel for Tribal inhabitants.
- Construction of Principal quarter.
- Construction of Mini stadium.
- Preservation of up keeping of garden inside the campus by planting more numbers of trees to sustain its eco-friendly nature.
- More numbers of teaching staff given opportunity to enroll in PhD Program.

Name & Signature of the  
Director/Coordinator, IQAC

Name & Signature of the  
Chair person, IQAC