

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Annual Quality Assurance Report (AQAR) 2017 – 18



**Fakir Mohan University, Vyasa Vihar
Balasore – 756 020, Odisha (India)**

Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
Nagarbhavi, Bangalore - 560 072, India

The Annual Quality Assurance Report (AQAR) of the IQAC **(For Universities)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution: **Fakir Mohan University**
- Name of the Head of the institution : **Shri Amar Singh Soren**
 - Designation: **Registrar**
 - Does the institution function from own campus: **Yes**
 - Phone no./Alternate phone no. **06782-275787**
 - Mobile no. **9437113425**
 - Registered Email **registrarfmuniversity@gmail.com**
 - Alternate Email **edepatchfmu@gmail.com**
 - Address : **Vyasa Vihar, Nuapadhi,**
 - City/Town : **Balasore**
 - State/UT : **Odisha**
 - Pin Code : **756020**
2. Institutional status:
- University: State/Central/Deemed/Private: **State University**
(Tick appropriate)
 - Type of Institution: Co-education/Men/Women **Co-education**
 - Location : Rural/Semi-urban/Urban: **Rural**

- Financial Status: Centrally funded/state funded/Private **State funded, UGC 2(f), UGC12 (B)**
- Name of the IQAC Co-ordinator: **Dr. Nihar Ranjan Rout**
- Phone no. /Alternate phone no. : -
- Mobile: **9437271296**
- IQAC e-mail address: **iqacfm@gmail.com**
- Alternate Email address: -

3. Website address: **www.fmuniiversity.nic.in**

Web-link of the AQAR: (Previous Academic Year):

AQAR (2016-17): **www.fmuniiversity.nic.in/pdf/AQAR_2016_17.pdf**

AQAR (2017-18): **http://www.fmuniiversity.nic.in/pdf/AQAR_2017_18.pdf**

4. Whether Academic Calendar prepared during the year? **Yes**

if yes, whether it is uploaded in the Institutional website: **No**

Weblink:

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|----------------|------|-----------------------|--------------------------|
| 1 st | B ⁺ | 2.52 | 2016 | 16/09/2016 to 15/09/2021 |
| 2 nd | | | | from: to: |
| 3 rd | | | | from: to: |
| 4 th | | | | from: to: |
| 5 th | | | | from: to: |

6. Date of Establishment of IQAC: **Letter No. FMU-IQAC-1/2015/2602, Dated: 26/08/2015**

7. Internal Quality Assurance System

| 7.1 Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|---|--------------------------------------|
| Item /Title of the quality initiative by IQAC | Date & duration | Number of participants/beneficiaries |
| Submission of Annual Quality Assurance Report (AQAR) to NAAC | 19.05.2018 (AQAR 2016-17) | - |
| Workshop on Plagiarism Check by using Turnitin | 15.12.2017 (One day) | 30 |
| Establishment of Centre of Excellence through Institutional Development | Proposal submitted to DHE, Govt. Of Odisha | |

| | | |
|--------------------------------|--|---------------------|
| Programme funded by World Bank | and Grant sanctioned for five years | |
| Student feedback collection | Conducted for the session (May, 2018) | All Students |
| Participation in NIRF | 30.11.2017 | - |

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/ Department/ Faculty | Scheme | Funding agency | Year of award with duration | Amount |
|--|---|-------------------|--------------------------------|----------------|
| Fakir Mohan University | Odisha Higher Education Programme for Excellence & Equity (OHEPEE) | World Bank | 2018 | 17.41 Crore |

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes (Reconstituted during 2018-19 and notified vide letter no. FMU-IQAC-02/2015/ 022/ 2018, Dt.13.12.2018

*upload latest notification of formation of IQAC: **Uploaded in the University website**

10. No. of IQAC meetings held during the year: 03

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No No

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No ✓

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* The final plan was submitted to Department of Higher Education, Government of Odisha under the Odisha Higher Education Programme for Excellence & Equity (OHEPEE) which finally led to the release of Rs,17.41 cr for Institutional Development and for establishment of an Centre for Excellence.

* The Civil Services Coaching Centre was inaugurated by the Vice-Chancellor on 16 March 2018. The Centre provided coaching to the first batch of students having strength of 60.

* The Higher Education Department, Govt. of Odisha has declared the opening of 10 new Departments in the University from the academic year 2018-19 on 04.05.2018. The Departments are Chemistry, History & Archaeology, Commerce, Mathematics, Botany, Zoology, Geography, Education, Geology and Journalism & Mass Communication.

* Documentation of information and its online submission for NIRF ranking.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

| Plan of Action | Achievements/Outcomes |
|--|---|
| 1. Student Feedback | Successfully done |
| 2. Maintenance of Clean and Green Campus | Observation of Swachhata Pakhwada, Campus beautification with development of lawns and gardens. |
| 3. Providing coaching for various competitive examinations including Civil Services. | The Civil Services Coaching Centre was inaugurated by the Vice-Chancellor on 16 th March 2018. |
| 4. Establishment of new building of Department of Language and Literature | The Inauguration of new building of Department of Language and Literature was held on 13.01.2018. |
| 5. Opening of new courses | The Govt. of Odisha has finally agreed on 04.05.2018 to open 10 new Departments including Chemistry, History & Archaeology, Commerce, Mathematics, Botany, Zoology, Geography, Education, Geology and Journalism & Mass Communication in the University from the academic year 2018-19. |

14. Whether the AQAR was placed before statutory body? Yes /No: **Yes**

Name of the statutory body: **Academic Council** Date of meeting(s): **13/12/2018**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes/No: No

Date:

16. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year: **2017-18**

Date of Submission: **26/03/2018**

17. Does the Institution have Management Information System?

Yes

No ✓

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

Part-B

| CRITERION I – CURRICULAR ASPECTS | | | | | |
|--|----------------------|----------------------|---|---|----|
| 1.1 Curriculum Design and Development | | | | | |
| 1.1.1 Programmes for which syllabus revision was carried out during the Academic year | | | | | |
| Name of programme | | | Programme Code | Dates of revision | |
| MLIS and M. A. in History | | | * | 27.07.2017 | |
| Integrated B. Ed. – M. Ed., Applied Physics and Ballistics, Commerce, Business Management, I&CT (All P. G., M. Phil. and Ph. D. Programmes) | | | * | 20.09.2017 | |
| Sociology, Political Science, Economics, Botany, Zoology, Biotechnology, Env. Sc., Chemistry, Population Studies, Social Work, Geography, Odia, English, Urdu(All P. G., M. Phil. and Ph. D. Programmes) | | | * | 21.09.2017 | |
| 1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year: | | | | | |
| NONE | | | | | |
| Programme with Code | Date of Introduction | | Course with Code | Date of Introduction | |
| | | | | | |
| | | | | | |
| 1.2 Academic Flexibility | | | | | |
| 1.2.1 New programmes/courses introduced during the Academic year: : | | | | | |
| NONE | | | | | |
| Programme/Course | | | Date of introduction | | |
| | | | | | |
| 1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year. | | | | | |
| Name of Programmes adopting CBCS | UG | PG | Date of implementation of CBCS / Elective Course System | UG | PG |
| Already adopted (mention the year): | | | | | |
| Adopted at PG level in University P. G. Departments from the academic session 2015-16 | | | | | |
| Adopted at UG level in Autonomous Colleges from the academic session 2015-16 | | | | | |
| Adopted at UG level in other affiliated Colleges from the academic session 2015-16 | | | | | |
| 1.3 Curriculum Enrichment: | | | | | |
| 1.3.1 Value-added courses imparting transferable and life skills offered during the year: NONE | | | | | |
| Value added courses | | Date of introduction | | Number of students enrolled | |
| | | | | | |
| 1.3.2 Field Projects / Internships under taken during the year | | | | | |
| Project/Programme Title | | | | No. of students enrolled for Field Projects / Internships | |
| M. A. in Population Studies/ Geography | | | | 08 | |
| M. A. in Social Work | | | | 10 | |
| Master in Business Management | | | | 78 | |
| M. Sc. Applied Physics and Ballistics | | | | 02 | |
| Master in Computer Applications | | | | 18 | |
| | | | | | |

| 1.4 Feedback System | | | | |
|--|-------------|--------------|-----------|------------|
| 1.4.1 Whether structured feedback received from all the stakeholders. | | | | |
| 1) Students | 2) Teachers | 3) Employers | 4) Alumni | 5) Parents |
| Yes | No | No | No | No |
| 1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words) | | | | |
| <p>Fakir Mohan University has been collecting feedback on different aspects of the curriculum and class room teaching since the beginning in order to assess the quality of teaching in its P.G. Departments and ensure academic excellence. As per the practice, Post Graduate Council collects the feedback physically from the students and in order to ensure maximum participation and proper evaluation, feedback is collected during the end semester examinations. For collection of feedback, responsibility is bestowed upon a neutral faculty member not belonging to the concerned Department by the P. G. Council, who after collecting the feedback, arrange the forms and handover the same in sealed packets to the P.G. central office. The feedback-form seeks response of the students in four point scale on aspects like communication skill, sincerity, commitment, teaching quality, accessibility of the teacher etc.. The feedback so obtained is analysed confidentially by the University and tabulated as “percentage of students assessing their teachers with different grades against different criteria” and “percentage of teachers with different grade in different criteria”. The University after carrying out the analysis communicate the faculty members especially those with relatively poor feedback and make effort to discuss with them regarding the improvement in the quality of teaching.</p> | | | | |

| CRITERION II -TEACHING-LEARNING AND EVALUATION | | | |
|---|---------------------------|---------------------------------|-------------------|
| 2.1 Student Enrolment and Profile | | | |
| 2.1.1 Demand Ratio during the year | | | |
| Name of the Programme | Number of seats available | Number of applications received | Students Enrolled |
| MBA | 40 | * | 40 |
| MCA | 30 | * | 29 |
| MCA (LE) | 16 | * | 16 |
| B. Ed., M. Ed. Integrated Course | 50 | 410 | 50 |
| LLM | 32 | 47 | 31 |
| M.A. (Economics) | 32 | 177 | 24 |
| M.A. (Education) | 32 | 147 | 27 |
| M.A. (English) | 16 | 145 | 16 |
| M.A. (Geography) | 12 | 10 | 01 |
| M.A. (History) | 16 | 120 | 16 |
| M.A. (Odia) | 32 | 344 | 32 |
| M.A. (Political Science) | 32 | 221 | 25 |
| M.A. (Population Studies) | 16 | 8 | 04 |
| M.A. (Sociology) | 32 | 68 | 19 |
| M.A. (Urdu) | 16 | 8 | 03 |
| M.Com. | 32 | 258 | 32 |
| M.Sc. (Applied Physics & Ballistics) | 16 | 147 | 16 |
| M.Sc. (Bio-Technology) | 12 | 71 | 11 |
| M.Sc. (Chemistry) | 16 | 420 | 15 |

| | | | |
|---|------------|-------------|------------|
| M.Sc. (Environmental Science) | 32 | 114 | 32 |
| M.Sc. (IT) | 10 | 63 | 09 |
| M.Sc. (Physics) | 24 | 504 | 24 |
| M.Sc. Bio Sc (Botany) | 16 | 479 | 15 |
| M.Sc. Bio Sc. (Zoology) | 16 | 594 | 16 |
| Master in Library & Information Sciences (MLIS) | 24 | 43 | 17 |
| Master in Social Work (MSW) | 24 | 29 | 07 |
| M. Phil. (Computer Science) | 12 | 29 | 08 |
| M. Phil (Commerce) | 08 | 177 | 08 |
| M. Phil. (Economics) | 12 | 114 | 09 |
| M. Phil. (Political Science) | 12 | 92 | 09 |
| M. Phil. (Population Studies) | 08 | 18 | 05 |
| M. Phil. (Sociology) | 12 | 69 | 07 |
| M.Phil. (Bio-Science) | 04 | 85 | 04 |
| M.Phil. (Bio-Technology) | 09 | 20 | 09 |
| M.Phil. (Business Management) | 06 | 45 | 06 |
| M.Phil. (English) | 04 | 73 | 03 |
| M.Phil. (Environmental Science) | 12 | 55 | 12 |
| M.Phil. (Geography) | 04 | 32 | 04 |
| M.Phil. (Odia) | 13 | 295 | 13 |
| M.Phil. (Physics/Applied Physics/Ballistics) | 12 | 52 | 12 |
| M.Phil. (Urdu) | 02 | 5 | 02 |
| Total | 670 | 5588 | 638 |

** Admission to MBA and MCA Programmes is done through OJEE*

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of full time teachers available in the institution teaching only UG courses | Number of full time teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|---------|---|---|--|--|--|
| 2017-18 | NA | 638 | NA | 69 | NA |

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT (LMS, e-Resources) | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|---|----------------------------------|----------------------------|---------------------------------|
| 69 | 69 | LCD Projector, Internet with Campus Wi-Fi | 12 | 00 | Proquest, Infilbnet |

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

As far as academic mentoring is concerned, each post graduate student has to carry out a project work of minimum 6 month duration for which the student is assigned with a faculty member by the Department. The student selects a topic for project work in consultation with teacher and carries out the project work under

his direct supervision. Similar procedure is also adopted at M. Phil level. Moreover, faculty members are assigned with different responsibilities for providing beyond the syllabus help to the students at the department levels. In each P.G. Department a faculty member serves as a Seminar Advisor whose role is to guide the students in their extracurricular activities like organising field trips/study tour, seminars, annual day etc. Further, Personal Advisory System is also adopted in which few students are attached to one faculty member, who acts as a proctor for those students on matters beyond the syllabus. As such, most of the faculty members individually spend time with students during and after the classes for discussing issues related to the course, student problems, placement etc.

| | | |
|--|-----------------------------|----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor: Mentee Ratio |
| | | |

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 57 | 48 | 09 | NIL | 43 |

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| Year of award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|---------------|---|-------------|--|
| 2017 | Dr. Bibekananda Nayak | Asst. Prof. | Odisha Bigyan Academy |

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|-----------------------------|----------------|---------------------|--|---|
| M. A. in Odia | | 4 th Sem | 17.05.2017 | 12.06.2017 |
| M. A. in English | | 4 th Sem | 17.05.2017 | 12.06.2017 |
| M. Sc. in Env. Sc. | | 4 th Sem | 19.05.2017 | 14.06.2017 |
| M. A. in Political Science | | 4 th Sem | 18.05.2017 | 14.06.2017 |
| M. A. in Economics | | 4 th Sem | 18.05.2017 | 14.06.2017 |
| M. A. in Sociology | | 4 th Sem | 18.05.2017 | 14.06.2017 |
| M. Sc. in Chemistry | | 4 th Sem | 19.05.2017 | 24.06.2017 |
| M. A. in Population Studies | | 4 th Sem | 18.05.2017 | 29.06.2017 |
| M. A. in Social Work | | 4 th Sem | 18.05.2017 | 29.06.2017 |
| MBA | | 4 th Sem | 19.05.2017 | 11.07.2017 |
| M. Com. | | 4 th Sem | 17.05.2017 | 11.07.2017 |

| | | | | |
|--|--|--|------------|------------|
| M. Sc. in Biosc. (Botany) | | 4 th Sem | 16.05.2017 | 13.07.2017 |
| M. Sc. in Biosc. (Zoology) | | 4 th Sem | 16.05.2017 | 13.07.2017 |
| M. Sc. in Biotechnology | | 4 th Sem | 16.05.2017 | 13.07.2017 |
| M. Sc. in AP&B | | 4 th Sem | 19.05.2017 | 13.07.2017 |
| M. Sc. in Physics | | 4 th Sem | 19.05.2017 | 13.07.2017 |
| M. Sc. (IT) | | 4 th Sem | 18.05.2017 | 24.07.2017 |
| MCA | | 6 th Sem | 30.06.2017 | 24.07.2017 |
| 2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year NIL | | | | |
| *Do not include re-evaluation/ re-totalling | | | | |
| Number of complaints or grievances about evaluation | | Total number of students appeared in the examination | | Percentage |
| | | | | |

| 2.6 Student Performance and Learning Outcomes | | | | |
|--|----------------|---|---|-----------------|
| 2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink) | | | | |
| 2.6.2 Pass percentage of students | | | | |
| Programme Code | Programme name | Number of students appeared in the final year examination | Number of students passed in final Semester /year examination | Pass Percentage |
| Master in Commerce | | 28 | 28 | 100 |
| Master in Social Work | | 3 | 3 | 100 |
| Master of Arts in Economics | | 18 | 18 | 100 |
| Master of Arts in English | | 11 | 11 | 100 |
| Master of Arts in Geography | | 1 | 1 | 100 |
| Master of Arts in History | | 9 | 9 | 100 |
| Master of Arts in Odia | | 26 | 26 | 100 |
| M. A. in Political Science | | 27 | 27 | 100 |
| M. A. in Population Studies | | 4 | 3 | 75 |
| M. A. in Sociology | | 14 | 14 | 100 |
| M. A. in Urdu | | 1 | 1 | 100 |
| Master of Business Administration | | 33 | 33 | 100 |
| Master of Physical Education | | 13 | 13 | 100 |
| M. Sc. in Applied Physics And Ballistics | | 14 | 14 | 100 |
| M. Sc. in Bio Science(Botany Stream) | | 14 | 14 | 100 |
| M. Sc. in Bio Sc. (Zoology) | | 13 | 13 | 100 |
| M. Sc. in Bio Technology | | 12 | 12 | 100 |
| M. Sc. in In Chemistry | | 11 | 11 | 100 |
| M. Sc. in Environmental Science | | 25 | 24 | 96 |
| M. Sc. in Information Technology | | 6 | 6 | 100 |
| M. Sc. in Physics | | 23 | 23 | 100 |
| 2.7 Student Satisfaction Survey | | | | |
| 2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink): Teacher Evaluation by students was conducted | | | | |

| CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION | | | | |
|---|--|------------------------|---------------|-----------------|
| 3.1 Promotion of Research and Facilities | | | | |
| 3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year | | | | |
| | Name of the teacher awarded the fellowship | Name of the Award | Date of Award | Awarding Agency |
| National | - | - | - | - |
| International | - | - | - | - |
| 3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year: | | | | |
| 10 | | | | |
| Name of Research fellowship | | Duration of fellowship | | Funding agency |
| Rajiv Gandhi National Fellowship – 03 nos. | | 05 Years | | UGC |
| Junior Research Fellowship – 04 nos. | | 03 Years | | UGC |
| Senior Research Fellowship – 02 nos. | | 02 Years | | UGC |
| Post Doctoral Fellowship – 01 no. | | 02 Years | | DST |
| Rajiv Gandhi National Fellowship – 03 nos. | | 05 Years | | UGC |

| 3.2 Resource Mobilization for Research | | | | |
|--|----------|---------------------------------|------------------------|---------------------------------|
| 3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations | | | | |
| Nature of the Project | Duration | Name of the funding Agency | Total grant sanctioned | Amount received during the year |
| Major projects | 2016-19 | DBT Govt. of India | 29,36,500 | 79,47,500 |
| | 2016-18 | DRDO,PXE, Balasore | 15,60,000 | |
| | 2015-18 | UGC, New Delhi | 15,97,500 | |
| | 2017-20 | DST, GoO | 9,41,000 | |
| | 2017-19 | UGC, New Delhi (Start up grant) | 10,00,000 | |
| | 2017-20 | ICSSR, New Delhi | 6,50,000 | |
| Minor Projects | 2015-17 | DRDO (PXE), Chandipur | 2,47,500 | 79,47,500 |
| | 2017-20 | INSA, New Delhi | 2,76,000 | |
| Interdisciplinary Projects | | | | |
| Industry sponsored Projects | | | | |
| Projects sponsored by the University | | | | |
| Students Research Projects (other than compulsory by the University) | | | | |
| International Projects | | | | |
| Any other(Specify) | | | | |
| Total | | | | |

| 3.3 Innovation Ecosystem | | |
|---|-------------------|---------|
| 3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year | | |
| Title of Workshop/Seminar | Name of the Dept. | Date(s) |
| - | - | - |
| | | |

| 3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year | | | | |
|--|--------------------------------|-----------------------|-------------------------------|----------|
| Title of the innovation | Name of the Awardee | Awarding Agency | Date of Award | Category |
| - | - | - | - | - |
| 3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year | | | | |
| Incubation Centre | Name | | Sponsored by | |
| - | - | | - | |
| Name of the Start-up | Nature of Start-up | | Date of commencement | |
| - | - | | - | |
| 3.4 Research Publications and Awards | | | | |
| 3.4.1 Ph. Ds awarded during the year | | | | |
| Name of the Department | | No. of Ph. Ds Awarded | | |
| Environmental Science | | 04 | | |
| Chemistry (Env. Science) | | 01 | | |
| Education | | 01 | | |
| Odia (Language and Literature) | | 03 | | |
| English (Language and Literature) | | 06 | | |
| Hindi (Language and Literature) | | 02 | | |
| Economics (Social Science) | | 01 | | |
| Political Science (Social Science) | | 03 | | |
| History (Social Science) | | 03 | | |
| Physical Education | | 02 | | |
| Zoology (Bioscience and Biotechnology) | | 01 | | |
| Biotechnology | | 01 | | |
| I & CT | | 01 | | |
| Mathematics (I & CT) | | 02 | | |
| Business Management | | 07 | | |
| Commerce (Business Management) | | 01 | | |
| 3.4.2 Research Publications in the Journals notified on UGC website during the year | | | | |
| | Department | No. of Publication | Average Impact Factor, if any | |
| National | Applied Physics And Ballistics | 02 | 0-3.629 | |
| | Bioscience and Biotechnology | 02 | - | |
| | Business Management | 11 | - | |
| | Environmental Science | 02 | - | |
| | Education | - | - | |
| | Information & Com. Technology | 08 | - | |
| | Language and Literature | 07 | - | |
| | Population Studies | 05 | - | |
| | Social Science | 12 | - | |
| International | Applied Physics And Ballistics | 03 | 2.278-3.708 | |
| | Bioscience and Biotechnology | 05 | 0.52-3.68 | |
| | Business Management | 01 | - | |
| | Environmental Science | 01 | - | |
| | Education | 07 | - | |
| | Information & Com. Technology | 02 | 0.5-2.5 | |
| | Language and Literature | 03 | - | |
| | Population Studies | 01 | 0.139 | |
| Social Science | 02 | - | | |

| 3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | | | | | | |
|--|--|---|---|----------------|---|--|
| Department | | | No. of publication | | | |
| Applied Physics And Ballistics | | | Conference proceedings - 3 | | | |
| Bioscience and Biotechnology | | | Conference proceedings - 1, Chapters in edited Volumes - 3 | | | |
| Business Management | | | Books - 1, Chapters in edited Volumes - 6 | | | |
| Environmental Science | | | Conference proceedings - 2, Chapters in edited Volumes - 4 | | | |
| Education | | | Conference proceedings - 6, Books - 4 | | | |
| Information & Com. Technology | | | Books - 1, Conference proceedings - 4, Chapters in edited Volumes - 2 | | | |
| Language and Literature | | | Chapters in edited Volumes – 5, Books - 1 | | | |
| Population Studies | | | Chapters in edited Volumes - 3 | | | |
| Social Science | | | Books - 1, Chapters in edited Volumes - 4 | | | |
| 3.4.4 Patents published/awarded during the year | | | | | | |
| Patent Details | | Patent status Published/Filed | Patent Number | Date of Award | | |
| - | | - | - | - | | |
| 3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index | | | | | | |
| Title of the paper | Name of the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |
| Identifying genomic targets for protein over-expression by “omics” analysis of Quiescent <i>Escherichia coli</i> cultures. | Mahalik, S., Sharma, A. K., Jain, P., & Mukherjee, K. J. | Microbial cell factories | 2017 | - | School of Biotechnology, Jawaharlal Nehru University, New Delhi, 110067 India | - |
| Variability of Zinc Speciation in Fine Particulate Matter emitted from a Boiler and a Combustor using Residual Oils | Pattnaik, S., Huggins, F. E., Huffman, G. P. | Atmospheric Environment | 2018 | - | F. M. University | - |
| ABC Optimized RBF Network for Classification of EEG Signal for Epileptic Seizure Identification | Satapathy, S. K., Dehuri, S., Jagadev, A. K., | Egyptian Informatics Journal, Elsevier Science, | 2017 | SCOPUS | Fakir Mohan University, | 14 |

| | | | | | | |
|--|---|--|------|--------|-------------------------|----|
| EEG Signal Classification Using PSO Trained RBF Neural Network for Epilepsy Identification, | Sathpathy, S. K., Dehuri, S., and Jagadev, A. K., | Informatics in Medicine Unlocked | 2017 | SCOPUS | Fakir Mohan University, | 15 |
| Weighted Majority Voting Based Ensemble of Classifiers Using Different Machine Learning Technique for Classification of EEG signal to Detect Epileptic Seizure | Satapathy, S. K., Dehuri, S., Jagadev, A. K., | Informatica: An International Journal of Computing and Informatics | 2017 | SCOPUS | Fakir Mohan University | 1 |
| Pyramid Histogram of Oriented Gradients Based Human Ear Identification | Sarangi, P. P., Mishra, B. S. P., and Dehuri, S., | International Journal of Control Theory and Applications | 2017 | SCOPUS | Fakir Mohan University | |
| Feature Selection Model Based on Clustering and Ranking in Pipeline for Microarray Data | Sahu, B., Dehuri, S., and Jagadev, A. K., | Informatics in Medicine Unlocked, | 2017 | SCOPUS | Fakir Mohan University | 2 |
| "An Ensemble Model Using Genetic Algorithm for Feature Selection and Rule Mining Using Apriori and FP-Growth from Cancer Microarray Data | Sahu, B., Dehuri, S., and Jagadev, A. K., | International Journal of Applied Engineering Research, | 2017 | SCOPUS | Fakir Mohan University | |

| | | | | | | |
|--|---|---|------|--------|------------------------|--|
| "Usage of Ensemble Model and Genetic Algorithm in Pipeline for Feature Selection from cancer Microarray Data | Sahu, B., Dehuri, S., and Jagadev, A. K., | International Journal of Bioinformatics Research and Applications | 2017 | SCOPUS | Fakir Mohan University | |
| "Adaptive Improved Binary PSO Based Learnable Bayesian Classifier for Dimensionality Reduced Microarray Data | Sahu, B., Dehuri, S., and Jagadev, A. K., | International Journal of Medical Engineering and Informatics, | 2017 | SCOPUS | Fakir Mohan University | |
| Surrogate Assisted Multi-objective Genetic Algorithms for Fuzzy Rule Based Classification | Kalia, H., Dehuri, S., Ghosh, A., and Cho, S.-B., | International Journal of Fuzzy Systems, Springer, | 2017 | SCIE | Fakir Mohan University | |

3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the paper | Name of the author | Title of the journal | Year of publication | h-index | Number of citations excluding self citations | Institutional affiliation as mentioned in the publication |
|--------------------|--------------------|----------------------|---------------------|---------|--|---|
| | | | | | | |

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

| No. of Faculty | International level | National level | State level | Local level |
|-------------------|---------------------|----------------|-------------|-------------|
| Attended Seminars | 01 | 04 | - | - |
| Presented papers | 11 | 33 | 1 | - |
| Resource Persons | 01 | 10 | - | - |

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

| Name of the Consultant(s) department | Name of Consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|--------------------------------------|-----------------------------|------------------------------|--------------------------------------|
| - | - | - | - |

3.5.2 Revenue generated from Corporate Training by the institution during the year

| Name of the Consultant(s) & Department | Title of the Programme | Agency seeking training | Revenue generated (amount in rupees) | Number of trainees |
|--|------------------------|-------------------------|--------------------------------------|--------------------|
| - | - | - | - | - |

| 3.6 Extension Activities | | | | |
|--|---|---|---|--|
| 3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year | | | | |
| Title of the Activities | Organising unit/ agency/ collaborating agency | Number of teachers coordinated in such activities | Number of students participated in such activities | |
| Banomohastav | NSS in collaboration with DFO, Nilgiri | 02 | 100 | |
| Baghajatin Martyrdom | NSS | 12 | 250 | |
| Swatchhata Pakhwada | NSS | 02 | 500 | |
| Green Campus Day | NSS | 02 | 100 | |
| Clean Campus Camp | NSS | 02 | 100 | |
| Health Centre Cleanliness Camp | NSS | 02 | 100 | |
| Screening of Movies 'Toilet - Ek Prem Katha' | NSS | 02 | 350 | |
| Beach Cleaning Camp from Balramgadi to Chandipur | NSS in collaboration with ABC, Balasore | 03 | 150 | |
| 3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year | | | | |
| Name of the Activity | Award/recognition | Awarding bodies | No. of Students benefited | |
| - | - | - | - | |
| 3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year | | | | |
| Name of the scheme | Organising unit/ agency/ collaborating agency | Name of the activity | Number of teachers coordinated in such activities | Number of students participated in such activities |
| Banomohastav | NSS in collaboration with DFO, Nilgiri | Plantation drive | 02 | 100 |
| Swachh Bharat | NSS in collaboration with ABC, Balasore | Beach Cleaning Camp from Balramgadi to Chandipur | 03 | 150 |
| 3.7 Collaborations | | | | |
| 3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | | |
| Nature of Activity | Participant | Source of financial support | Duration | |
| - | - | - | - | |
| 3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | | |
| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration (From-To) | participant |
| - | - | - | - | - |
| 3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | | |
| Organisation | Date of MoU signed | Purpose and Activities | Number of students/teachers participated under MoUs | |
| | | | | |

| CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES | | |
|---|---|-------------|
| 4.1 Physical Facilities | | |
| 4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year (In Rs.) | | |
| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development | |
| 23,10,00,000 | 2,94,15,392 | |
| 4.1.2 Details of augmentation in infrastructure facilities during the year | | |
| Facilities | Existing | Newly added |
| Campus area | 78 Acres | - |
| Class rooms | 48 | +40 |
| Laboratories | 27 | 2 (APAB) |
| Seminar Halls | 10 | |
| Classrooms with LCD facilities | At least one portable LCD projectors are available in each department | |
| Classrooms with Wi-Fi/ LAN | Whole campus including classrooms are Wi-Fi enabled | |
| Seminar halls with ICT facilities | 10 | |
| Video Centre | - | |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | 6 (APAB – 05 Env. Sc. 1) | |
| Value of the equipment purchased during the year (Rs. in Lakhs) | Around 10 Lakh | |
| Others | - | - |

| 4.2 Library as a Learning Resource | | | | | | |
|---|---|---|--------------|--------|--------------------|----------|
| 4.2.1 Library is automated {Integrated Library Management System (ILMS)} | | | | | | |
| Name of the ILMS software | Nature of automation (fully or partially) | | Version | | Year of automation | |
| KOHA | Partial | | 16.05.01.000 | | 2016 | |
| 4.2.1 Library Services: | | | | | | |
| | Existing | | Newly added | | Total | |
| | No. | Value | No. | Value | No. | Value |
| Text Books | 25751 | 15276600 | 11677 | 499341 | 49023 | 20270017 |
| Reference Books | 11595 | | | 7 | | |
| e-Books | 530318 | Provided through UGC e-sodh sindhu and PROQUEST | | | | |
| Journals | 218 | 565611 | Nil | Nil | 218 | 565611 |
| e-Journals | 15463 | Provided through UGC e-sodh sindhu and PROQUEST | | | | |
| Digital Database | 48 | - | Nil | - | 48 | - |
| CD & Video | 503 | Supplied with purchased books | | | | |
| Library automation | - | - | - | - | - | - |
| Weeding (Hard & Soft) | Nil | - | Nil | - | Nil | - |
| Others (specify) | Nil | - | Nil | - | Nil | - |
| 4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under | | | | | | |

| | | | | | | | | | |
|---|--------------------|--|--------------------|---------------------------------------|--|--------|--|-----------------------------|--------|
| Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc NONE | | | | | | | | | |
| Name of the teacher | Name of the module | | | Platform on which module is developed | | | Date of launching e-content | | |
| - | - | | | - | | | - | | |
| 4.3 IT Infrastructure | | | | | | | | | |
| 4.3.1 Technology Upgradation (overall) | | | | | | | | | |
| | Total Computers | Computer in Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Available bandwidth (MGBPS) | Others |
| Existing | 199 | 116 | Yes (Campus Wi-Fi) | Nil | 08 | 23 | 52 | 10 MBPS | |
| Added | 120 | 84 | - | Nil | 09 | 17 | 10 | - | |
| Total | 319 | 200 | Yes (Campus Wi-Fi) | Nil | 17 | 40 | 62 | 10 MBPS | |
| 4.3.2 Bandwidth available of internet connection in the Institution (Leased line): 10 MBPS | | | | | | | | | |
| 4.3.3 Facility for e-content: None | | | | | | | | | |
| Name of the e-content development facility | | | | | Provide the link of the videos and media centre and recording facility | | | | |
| - | | | | | - | | | | |
| 4.4 Maintenance of Campus Infrastructure | | | | | | | | | |
| 4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year | | | | | | | | | |
| Assigned budget on academic facilities | | Expenditure incurred on maintenance of academic facilities | | | Assigned budget on physical facilities | | Expenditure incurred on maintenance of physical facilities | | |
| 4,34,00,000 | | 62,23,632 | | | 8,80,00,000 | | 1,05,03,431 | | |
| 4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link) | | | | | | | | | |
| <p>Faculty members remain in charge of different support services/ facilities both at the Department and at the University level and utilization of such facilities is governed by a set of guidelines formulated for the purpose and intimated to the students in many ways. Information related to availability of different facilities and Student Support Services are reflected in the prospectus, which has also been uploaded to the University website. For appraisal of the newly admitted students of the University about prospects of the course and different services available, two separate induction programmes are conducted – one in the new campus and one in the old campus in the presence of Vice-Chancellor, Registrar, Chairman, P. G. Council, HODs and other faculty members during the beginning of the academic session. At the University level, committees for looking after various extra and co-curricular activities of the students like sports, cultural and literary activities are constituted each year by the P. G. Council with 5-6 faculty members, who with the help of a group of student representatives work towards executing such activities. Further, Chairman, Post-Graduate Council regularly notifies information related to different Student Support Services and sends them to the departments for circulation. Library service is one of the most important support services for any post graduate student. And Library in Fakir Mohan University has its own regulation regarding lending of books and other services available in it, which is communicated to the students for its effective utilization. Various committees including Anti Sexual Harassment Cell, Equal Opportunity Cell, Residential Committee, Anti-ragging Committee, Placement Cell, Student Welfare Committee and Career Counselling Cell etc. headed by some senior faculty members functions under the P. G. Council and work towards enhancing awareness about Student Support Services and protecting interest of the students on those issues.</p> | | | | | | | | | |

| CRITERION V - STUDENT SUPPORT AND PROGRESSION | | | | | |
|--|--|--|---|--|---------------------------|
| 5.1 Student Support | | | | | |
| 5.1.1 Scholarships and Financial Support | | | | | |
| | Name /Title of the scheme | Number of students | Amount in Rupees | | |
| Financial support from institution | - | - | - | | |
| Financial support from other sources | | | | | |
| a) National | Minority Scholarship | 04 | - | | |
| b) International | - | - | - | | |
| Government of Odisha | Prerana Scholarship (PG) | 288 | - | | |
| | E-Medhabruti | 70 | - | | |
| 5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc., | | | | | |
| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved | | |
| | | | | | |
| 5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year | | | | | |
| Year | Name of the scheme | Number of benefited students by Guidance for Competitive examination | Number of benefited students by Career Counselling activities | Number of students who have passed in the competitive exam | Number of students placed |
| 2018 | Civil Services Coaching Centre Programme | 60 | - | - | 23 |
| 5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year: | | | | | |
| <p>Fakir Mohan University takes utmost care in handling issues related to student grievances including sexual harassment and ragging in any form. For timely redressal of student grievances, prevention of sexual harassment and ragging inside the campus various committees namely, Anti Ragging Committee, Anti Sexual Harassment Committee, Residential Committee, Disciplinary Committee with Chairman, P. G. Council as the ex-officio head and few teachers as committee members including one senior Professor as its Coordinator, have been constituted by the University. Post-Graduate Council monitor working of all these committees and also takes care of any such issue reported by the students, independently. The University also has an Internal Complaint Committee to look after cases of sexual harassment/ gender based violence, if any in the University. Following UGC guidelines, students are asked to submit anti-ragging undertaking at the time of admission. Further, to ensure transparency, Fakir Mohan University has made it a point to include student members in different administrative bodies of the University. As such, efforts are made at all levels/ sections (University, Hostel, Department etc.) to make the campus student friendly with zero level of harassment in any form.</p> | | | | | |
| Total grievances received | | No. of grievances redressed | Average number of days for grievance redressed | | |
| NIL | | - | - | | |

| |
|--------------------------------|
| 5.2 Student Progression |
|--------------------------------|

| 5.2.1 Details of campus placement during the year | | | | | |
|---|---------------------------------|---------------------------|---|---------------------------------|---------------------------|
| On campus | | | Off Campus | | |
| Name of Organizations Visited | Number of Students Participated | Number of Students Placed | Name of Organizations Visited | Number of Students Participated | Number of Students Placed |
| CP Group CCP Aquaculture (India) Pvt. Ltd | 34 | 02 | Venus Safety Health Pvt. Ltd, Mumbai | 07 | 01 |
| Axis Bank | 55 | 03 | JB Chemicals, Mumbai | 03 | 01 |
| ICICI Prudential | * | 14 | Surya International | 01 | 01 |
| | | | Mishra Limes & Minerals (Dealer, Asian Paints) | 01 | 01 |

| 5.2.2 Student progression to higher education in percentage during the year :2017-18 | | | | | |
|--|--|--------------------------|------------------------------|---------------------------------|-------------------------------|
| Year | No. of students enrolling into higher edu. | Programme graduated from | Department graduated from | Name of institution joined | Name of Programme admitted to |
| 2017 | 01 | M.Sc | Bioscience and Biotechnology | Indian Institute of Science | PhD |
| 2017 | 01 | M.Sc | Bioscience and Biotechnology | CU, Hyderabad | PhD |
| 2017 | 01 | M.Sc | Bioscience and Biotechnology | Institute of Life Science, BBSR | PhD |
| 2017 | 01 | M.Sc | Bioscience and Biotechnology | NOU, Baripada | M.Phil |
| 2017 | 02 | M.Sc | Bioscience and Biotechnology | FM University | Int. Med |
| 2017 | 05 | M.Sc | Bioscience and Biotechnology | FM University | M.Phil |
| 2018 | 07 | M.Sc | Bioscience and Biotechnology | FM University | M.Phil |
| 2018 | 02 | M.Sc | Bioscience and Biotechnology | NOU, Baripada | M.Phil |
| 2018 | 01 | M.Sc | Bioscience and Biotechnology | Utkal University | M.Phil |
| 2017 | 02 | M.Sc | APAB | BARC, Mumbai | Radiology |
| 2017 | 01 | M.Sc | APAB | NIT,Agartala | PhD |
| 2017 | 04 | M.Sc | APAB | FM University | M.Phil |
| 2017 | 01 | M.Sc | APAB | Sambalpur Uni | M.Phil |
| 2017 | 02 | M.Sc | APAB | Ravenshaw Uni | M.Phil |
| 2018 | 01 | M.Sc | APAB | IPR,Ahmadabad | PhD |
| 2018 | 01 | M.Sc | APAB | KIIT, Bhubaneswar | PhD |
| 2018 | 02 | M.Sc | APAB | FM University | Int. Med |
| 2018 | 01 | M.Sc | APAB | Utkal University | M.Phil |
| 2018 | 01 | M.Sc | APAB | Sambalpur Uni | M.Phil |
| 2018 | 04 | MA | Social Science | Gujurat Central University | M.Phil |
| 2018 | 01 | M.Sc | IT | North Orissa University | M.Phil |
| 2018 | 01 | M.Sc | IT | Sambalpur University | M.Tech |
| 2017 | 01 | M.Sc | IT | Fakir Mohan University | M.Phil |
| 2018 | 01 | MA | Population Studies | Fakir Mohan University | M.Phil |
| 2017 | 01 | MA | Odia | Viswa Bharati | M.Phil |
| 2018 | 01 | MCom | Commerce | Fakir Mohan University | M.Phil |
| 2018 | 01 | MBA | Business Management | Fakir Mohan University | M.Phil |
| 2017 | 4 | M.Sc | Environmental Science | Fakir Mohan University | M.Phil |
| 2017 | 1 | M.Sc | Environmental Science | KIIT, Bhubaneswar | PhD |
| 2018 | 6 | M.Sc | Environmental Science | Fakir Mohan University | M.Phil |

| 5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services) | | |
|--|--|--|
| Items | No. of Students selected/ qualifying | Registration number/roll number for the exam |
| NET | 07 | |
| GATE | 02 | |
| State Government Services | 03: 01(OPSC-Odia) 01(Forest Dept-BSBT) 01(Dept. of Post-BSBT) | |
| Any Other | 02 (JEST) | |

| 5.2.4 Sports and cultural activities / competitions organised at the institution level during the year | | |
|--|---------------------------|--------------|
| Activity | Level | Participants |
| Sprint (100 m/ 200 m/ 400 m/ 800 m/ Relay Race) – Men & Women | Inter Department | 155 |
| Long Jump – Men & Women | Inter Department | 47 |
| High Jump – Men & Women | Inter Department | 25 |
| Short Put/ Discuss/ Javelin – Men & Women | Inter Department | 196 |
| Badminton – Men & Women | Inter Department | 50 |
| Chess – Men & Women | Inter Department | 29 |
| Carom – Men & Women | Inter Department | 34 |
| Volley Ball – Men | Inter Department | 30 |
| Kabaddi – Men & Women | Inter Department | 60 |
| Table Tennis – Men & Women | Inter Department | 20 |
| Cricket – Men & Women | Inter Department | 161 |
| Badminton – Men & Women | Inter College | 9 |
| Cricket – Men & Women | Inter College (Pool – A) | 224 |
| Kabaddi – Men & Women | Inter College | 240 |
| Volley Ball – Men | Inter College | 84 |
| Song Competition (Light Vocal) | Individual/ P. G. Council | 35 |
| Dance Competition (Solo) | Individual/ P. G. Council | 21 |
| Dance Competition (Group) | Inter Department | 08 |
| Mono Action | Individual/ P. G. Council | 12 |
| Debate (English) | Individual/ P. G. Council | 21 |
| Debate (Odia) | Individual/ P. G. Council | 15 |
| Essay (English) | Individual/ P. G. Council | 52 |
| Essay (Odia) | Individual/ P. G. Council | 45 |
| General Knowledge | Individual/ P. G. Council | 76 |
| Rangoli | Individual/ P. G. Council | 31 |
| Mehendi | Individual/ P. G. Council | 24 |
| Quiz | Inter Department | 08 |

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

| Year | Name of the award/ medal | National/ International | Sports | Cultural | Student ID number | Name of the student |
|------|--------------------------|-------------------------|--------|----------|-------------------|---------------------|
| | | | | | | |

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students being the principal stakeholders and the prime focus of any educational institution, are given utmost importance in most of the academic as well as co and extra-curricular activities of the University. At the Department level, Seminar Secretary and Assistant Seminar Secretary are selected by the students and from among the students who look after organisation of weekly departmental seminar, field/study tour and other programmes involving the students. Student representations are also sent from each regular post graduate Department to plan and execute programmes related to sports, culture and other literary activities under the guidance of different teams of faculty members constituted for the purpose. As such Secretary and Joint Secretary are selected through an indirect student election process for three different committees namely P.G. Sports Committee, P.G. Cultural Committee and P.G. Magazine Committee who take care of all extra and co-curricular activities of the students during the entire year. During 2017-18, the election was held on 23.09.2017 in which Mr. Tarun Kumar Mohanta of Dept. of Business Management, Mr. Santosh Panda of Dept. of I&CT, Ms. Subha Sandhya Nayak of Dept. of Language and Literature were elected as secretaries of Sports, Culture and Magazine committees respectively. Following the Orissa University Statute, student representatives are also included in the Senate, one of the highest administrative bodies of the University. Fakir Mohan University also gives scope for students to represent them in the Advisory Committee of NSS and plan various extension activities carried out by the NSS units during the session, besides evaluating the performance of the NSS Units and NSS bureau during the previous academic session. Further, as per revised NAAC guidelines, one student representative has been included as a member of Internal Quality Assurance Cell (IQAC), an apex unit for ensuring academic excellence in the University.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

The University has Alumni associations at individual Department levels.

5.3.2 No. of registered Alumni:

-

5.3.3 Alumni contribution during the year (in Rupees) :

The University at present is not having any mechanism to receive funds from alumni. However, in future steps are being taken to have provision for alumni contribution at department level and to utilise such funds for student mentoring, training and strengthening industry-academic interaction.

5.3.4 Meetings/activities organized by Alumni Association :

The PG Departments conduct annual alumni meet in which the alumni have an interaction with the continuing students and faculty members on various aspects including career counselling to continuing students, feedback on syllabus to meet job market needs etc. Also such meetings have a prime activity of updating the alumni data base for having continuous interaction with them.

| CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT | |
|--|--|
| 6.1 Institutional Vision and Leadership | |
| 6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words) | |
| <p>a. The University follows decentralised system in estimating manpower requirements at teaching level.. At department level the teacher council prepared the justification for new programmes keeping in view the changing market and employment scenario. The constructive feedbacks are taken into consideration by involving faculty members from all levels. The estimated requirements were sent to the PG Council for next level approval where the HoDs participated in the discussion and finally approved by syndicate, the highest decision making body. The final proposal was then submitted to Government of Odisha for creation of new departments and sanctioned post. Following this procedure the University has created 10 new departments in 2017-18.</p> <p>b. The University prepared a vision and road map (2016-20) after the first accreditation cycle. The vision and mission were revised in 2017 following a participative approach and strategic goals were established. In order to cater the growing need of the region and local requirements the University developed an Institutional Development Plan (IDP) through involvement of stakeholders for ensuring equity and quality within the University and its affiliating colleges. The plan was submitted to Department of Higher Education, Government of Odisha under the World Bank assisted programme-Odisha Higher Education Programme for Excellence and Equity (OHEPEE). While preparing the projects a series of stakeholders meetings were organised involving teaching and non-teaching staffs and students of different departments and constructive feedback were received and incorporated in the IDP while establishing strategic goals. The meetings with industrialists, scientists and academicians were done and suggestions are also sought on project feasibility and implementation. Accordingly the implementation plan was prepared. While preparing the project an internal committee was constituted with members from different departments and from different hierarchy. The competencies of the members allowed for innovation through cross-disciplinary approach. A series of deliberations helped to prepare the project and was also presented to the World Bank team visited to the University. The University has finally received an amount of Rs,17.41 cr under Institutional Development Grant(IDG) which also includes funds for establishing an Centre for Excellence. The funds received will be utilised to strengthen the affiliating colleges under Universities and to ensure quality, equity and excellence at different levels within the University.</p> | |
| 6.1.2 Does the institution have a Management Information System (MIS)? | |
| Yes/No/Partial: | |
| NO | |
| 6.2 Strategy Development and Deployment | |
| 6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each): | |
| <p>❖ Curriculum Development</p> <p>Revision of syllabus has been accepted as a major component of making the programme more relevant with better job opportunity. Designing/ revising the syllabus in the University goes through different stages like:</p> <p>i. Preparation of draft syllabus of a particular paper is prepared by the concerned teacher(s) of the Department having experience of teaching as well as expertise in the subject matter.</p> <p>ii. Revision of the draft syllabus through a brainstorming at the Department level, in the teachers’</p> | |

council, and submission of the revised syllabus to the Examinations section for consideration.

iii. Finalization of the syllabus by the Board of Studies (BOS) comprising of eminent faculty members with sufficient expertise and experience in the subject.

iv. Approval of the syllabus in the Academic Council.

v. Obtaining feedback on the curriculum from different stake holders including students, recruiting agencies, industries, civil societies and acting on it.

❖ Teaching and Learning

At the beginning of the semester, academic calendar including probable dates of internal examinations, GD/Seminar presentation, Project proposal presentation, Field work/Study tour is prepared and approved by the Teacher's Council for different programmes running under the department. The schedule is notified for all the stakeholders and every effort is made to complete the assignments as per the schedule. Further, each faculty member prepare the lesson plans indicating the teaching hours required and expected date of completion of different papers/subjects/units/topics assigned to him/her and distribute the same among the concerned students, before commencement of the class. Examination section of the University finalizes the form fillup dates and examination schedules in consultation with the departments and notify the same. Credit hours of each paper and its different components as well as its equivalent marks are mentioned in the syllabus and are accessible to all.

❖ Examination and Evaluation

- Quiz/ Group Discussion/ Term Paper in semester examination (Internal Assessment)
- Copies of Internal examination are shown to the students in the Dept.
- Pre submission presentation and open via-voce system followed in PhD
- Online entrance examination based on MCQ test is practised.
- Photocopies of evaluated answer scripts provided on request.

❖ Research and Development

Research is given prime importance in the University even at the pre M. Phil. / Ph.D stages. Students undertake various research projects during their last semesters under the guidance of the faculty members and many a time with relevant collaboration with diverse national level institutions/ laboratories like IITs, DRDO and other institutions of National importance. Besides, short term research works are also carried out by the students, during other semesters. Further UGC Regulations are followed in order to ensure quality research both at M. Phil and and at Doctoral level. Faculty members are also encouraged to apply for and carryout research projects and for that attempts are made to strengthen required infrastructure. Relevant seminars and workshops on important issues and methodological developments are also conducted for both faculty members and students of the University from time to time.

❖ Library, ICT and Physical Infrastructure / Instrumentation

Proquest, the e-library resource and Turnitin the plagiarism checking platform were subscribed with financial support from Govt. of India. 11677 no. of new books worth Rs. 49,93,417/- has been added to the library during the current academic session 2017-18.

Human Resource Development centre and a multi-purpose Commercial Block have been inaugurated.

❖ Human Resource Management

The University have a proper system of Human Resource Planning, Recruitment & Selection procedure, Training & Development System, Promotion & Career Advancement System. After getting approval for new sanctioned post and existing vacancies if any are notified through news paper advertisement and also posted in the University website. The selection procedures are done as per the

guidelines of Orissa University Act and Statute along with the guidelines issued by UGC from time to time. The University also follows the regulation and guidelines for career advancement and promotion and regularly make internal circulation of the same. Recently the University has established HRDC centre to cater to the training needs of affiliating colleges and staffs of the University. Besides, for enhancing quality of teaching and research and to strengthen the faculty expertise the University nominates the faculty members to participate in different training and development programmes conducted by other institutes, universities etc. The HRM practices in the University also give scope to faculty members for participation in different activities through committees. The University also have a grievance management system where the Vice-Chancellor provides ample scope for raising grievances, redressal of grievances through proper procedure. The University has adopted open communication system where top-down, bottom-up and horizontal communication is encouraged. This has led to creation of participative decision making system where the rules and regulations are communicated regularly, faculty members opinions and suggestions are given due weightage and cross-departmental interactions are encouraged for quality, equity and innovation.

❖ **Industry Interaction / Collaboration**

The University has two professional courses viz. MBA and MCA which requires continuous interaction with the industry and corporate houses. The department of Business Management has an exclusive 4 to 6 weeks programme of Summer Internship Project where the students get exposure to organisational functioning by working under the guidance of a company executive. The students submit their projects and as a part of credit course it gets evaluated by industry personnel. Similarly in Department of Information & Communication Technology the students of MCA go through one semester project work where they directly work in the industry. Besides, students of every PG departments undertake a dissertation project where they also get exposure to get insights from different industry/NGOs/Scientific lab/SMEs. Different departments invite scientist working in research organisations and corporate executives working in different industry to share their thought with students and faculty members. Few collaborative projects are also being done in 2017-18.

❖ **Admission of Students**

Online entrance examination for PG and M. Phil courses based on MCQ test has been conducted at multiple test centres across the state. Online Admission and Registration for P.G. and M. Phil Programmes has been carried out. Online fee collection module has been practiced.

6.2.2 : Implementation of e-governance in areas of operations:

| | | |
|-------------------------------|-----------------|---|
| Planning and Development | NO | - |
| Administration | NO | - |
| Finance and Accounts | YES | <ul style="list-style-type: none"> • Use of Tally ERP-9 for calculation of salary and generation of salary slip • Sending of salary slip to all the employees by email • Online collection of fees through UCO Bank portal |
| Student Admission and Support | YES | <ul style="list-style-type: none"> • Online application for admission • Online entrance test and publication of results • online application for scholarship with support from P. G. Central Office |
| Examination | YES (Partially) | <ul style="list-style-type: none"> • Online registration of students enrolled for different programmes • Generation of online registration slip and admit card • Publication of results and printing of mark sheet by the Department to avoid time delay |

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-------------------------------|--|--|-------------------|
| 2017 | Prof. S. P. Adhikary | International Conference of AIU at Pune (8 th – 10 th April, 2017) | - | 16,011 |
| 2017 | Prof. Bisnu Prasad Dash | 3 rd Global Congress Meet, SCBMCH, Cuttack (21 st – 24 th February, 2017) | - | 6,000 |
| 2017 | Dr. Subhashree Mahalik | International Conference at Berhampur University (3 rd – 5 th March, 2017) | - | 3,740 |
| 2017 | Dr. Sipra Sagarika | International Seminar at New Delhi (26 th – 28 th February, 2017) | - | 6,000 |
| 2017 | Dr. Sipra Sagarika | International Seminar at Chandigarh (2 nd - 3 rd March, 2017) | - | |
| 2017 | Ms. Moatula Ao | International Seminar at Lumami, Nagaland Chandigarh (9 th – 10 th March, 2017) | - | 6,000 |
| 2018 | Prof. Madhumita Das | International Conference of AIU at WISER (12 th – 13 th December, 2017) | - | 32,470 |
| 2018 | Prof. Geetanjali Dash | All India Political Science Conference (15 th – 17 th December, 2017) | - | 6,000 |
| 2018 | Prof. Geetanjali Dash | National Conference (21 st – 23 rd December, 2017) | - | 6,000 |
| 2018 | Dr. Punam Kumari | National Seminar at NISER, Bhubaneswar (12 th – 16 th December, 2017) | - | 6,000 |
| 2018 | Dr. S. N. Dehuri | International Conference at Bhubaneswar (21 st – 23 rd December, 2017) | - | 6,000 |
| 2018 | Ms. S. S. Thapaa | Conference at Tezpur (27 th – 30 th December, 2017) | - | 6,000 |
| 2018 | <i>Fakir Mohan University</i> | | <i>Membership of Commonwealth University Association</i> | 2,19,248 |

6.3.2 Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | Dates (from-to) | No. of participants (Teaching staff) | No. of participants (Non-teaching staff) |
|------|--|---|-----------------|--------------------------------------|--|
| | | | | | |

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the Professional Development Programme | Number of teachers who attended | Date and Duration (from – to) |
|---|--|--------------------------------------|
| 102 nd Orientation programme at UGC – HRDC, Burdwan University, Burdwan, | 1 | 1st June to 28th June, 2017 |
| 108 th Orientation programme at UGC – HRDC, Jawaharlal Nehru University, New Delhi | 1 | 9th October to 3rd November, 2017 |
| 99 th Orientation programme at UGC – HRDC, University of Hyderabad | 2 | 6th July-2nd Aug 2017 |
| 100 th Orientation programme at UGC – HRDC, University of Hyderabad | 1 | November to December, 2017 |
| 101st Orientation programme at UGC – HRDC, University of Hyderabad | 2 | 18th January to 14th February, 2018 |
| Refresher Course on “Western Criticism” at Sambalpur University, Sambalpur. | 1 | 03.08.2017 to 23.08.2017 |
| Orientation course UGC – HRDC, Sambalpur University, Sambalpur.Odisha | 1 | from 31.01.2018 to 27.02.2018 |
| Refresher course in Environmental Science at UGC – HRDC, Pondicherry University, Pondicherry | 1 | 02nd January to 21st January, 2018. |

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

| Teaching | | Non-teaching | |
|------------|------------|--------------|-----------------------|
| Permanent | Fulltime | Permanent | Fulltime |
| NIL | 12* | 04 | 09[#] |

* For Self Financing Courses; #: Through Service Provider

6.3.5 Welfare schemes for (Amount Spent in Rupees)

| | |
|---|-----------------|
| Teaching | NIL |
| Non teaching (<i>Festival Advance and GIS contribution</i>) | 8,46,000 |
| Students (<i>Annual Insurance</i>) | 36,912 |

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)

Fakir Mohan University has always taken steps for auditing of different accounts of the University on a regular basis. The University has a temporary Audit Officer for carrying out internal audit of various expenditures which are made by the University. Further, the Accounts Section of the University also monitor collection of fees, proper sanction of advance and release of money for various purposes as per regulation, and scrutinizes the bills against different expenditure before payment/ adjustment of advances. Further, external financial audit is also done regularly in the University by different agencies. While Local Fund Audit (LFA) is continuously conducted the Government for all the accounts operated by the University including those by its P. G. Departments and other sections, A. G. Audit is also conducted from time to time to ensure financial regularity in various expenses made by the University. As a matter of fact, both LFA and AGA were conducted by the respective agencies during 2017-18 and the University has been trying to take steps based on their reports, to reconcile discrepancy if any, in financial management of University accounts.

| | | | | |
|---|--|-------------------------------|--|-----------|
| 6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III) NIL | | | | |
| Name of the non government funding agencies/ individuals | | Funds/ Grants received in Rs. | | Purpose |
| | | | | |
| 6.4.2 Total corpus fund generated | | Rs.3,08,13,440/- | | |
| 6.5 Internal Quality Assurance System | | | | |
| 6.5.1 Whether Academic and Administrative Audit (AAA) has been done? | | | | |
| Audit Type | External | | Internal | |
| | Yes/No | Agency | Yes/No | Authority |
| Academic | NO | - | YES | IQAC, PGC |
| Administrative | NO | - | YES | AG |
| 6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable): The University has hardly any role to play towards providing/ granting/ promoting autonomy in the affiliated colleges. As a policy matter, autonomy is awarded by the state government to the colleges fulfilling norms set by the Government and UGC. | | | | |
| 6.5.3 Activities and support from the Parent – Teacher Association (at least three) | | | | |
| | | | | |
| 6.5.4 Development programmes for support staff (at least three) | | | | |
| | | | | |
| 6.5.5 Post Accreditation initiative(s) (mention at least three) | | | | |
| (1) Steps for opening of new regular P. G. Teaching Departments (2) Efforts to establish Centre of Excellence with financial assistance from World Bank (3) Successful Participation in NIRF process (4) Beautification of University Camps | | | | |
| 6.5.6 | | | | |
| a. Submission of Data for AISHE portal : YES | | | | |
| b. Participation in NIRF : YES | | | | |
| c. ISO Certification : NO | | | | |
| d. NBA or any other quality audit : NO | | | | |
| 6.5.7 Number of Quality Initiatives undertaken during the year | | | | |
| Item /Title of the quality initiative by IQAC | Date & duration | | Number of participants/ beneficiaries | |
| Submission of Annual Quality Assurance Report (AQAR) to NAAC | 19.05.2018 (AQAR 2016-17) | | - | |
| Workshop on Plagiarism Check by using Turnitin | 15.12.2017 (One day) | | 30 | |
| Establishment of Centre of Excellence through Institutional Development Programme funded by World Bank | Proposal submitted to DHE, Govt. Of Odisha and Grant sanctioned for five years | | - | |
| Student feedback collection | Conducted for the session (May, 2018) | | All Students | |
| Participation in NIRF | 30.11.2017 | | - | |

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period (from-to) | Participants |
|--|--------------------------|--------------|
| Gender Sensitization Programme (New Campus) Sponsored by Women and Child development Department of Odisha | 21.08.2017 to 22.08.2017 | 200 |
| Gender Sensitization Programme (Old Campus) Sponsored by Women and Child development Department of Odisha | 29.08.2017 to 30.08.2017 | 150 |
| Gender Sensitization Workshop in collaboration with Odisha State Commission for Women (OSCW), Bhubaneswar. | 16.01.2018 to 17.01.2018 | 294 |

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the University met by the renewable energy sources: **Not yet, however the University has plans to harness solar energy in near future.**

7.1.3 Differently abled (Divyangjan) friendliness

| Items Facilities | Yes/No | No. of Beneficiaries |
|--|--------|----------------------|
| Physical facilities | - | - |
| Provision for lift | No | - |
| Ramp/ Rails | Yes | - |
| Braille Software/facilities | No | - |
| Rest Rooms | Yes | - |
| Scribes for examination | Yes | - |
| Special skill development for differently abled students | No | - |
| Any other similar facility | - | - |

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date and duration of the initiative | Name of the initiative | Issues addressed | Number of participating students and staff |
|------|--|--|-------------------------------------|------------------------|------------------|--|
| | | | | | | |

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

| Title | Date of Publication | Follow up (maximum 100 words each) |
|-------|---------------------|------------------------------------|
| | | |

7.1.6 Activities conducted for promotion of universal Values and Ethics

| Activity | Duration (from-----to-----) | Number of participants |
|----------|-----------------------------|------------------------|
| | | |

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Being located at a serene setup, It is one of the best practices of our University to keep it eco-friendly. For this several initiatives have been taken as mentioned below.

- Rain water harvesting tanks are maintained
- Carrying out plantation drives during various occasions (World Environment Day, Forest Day, Vana Mahotshav)
- Making the campus polythene free,
- Utilizing the biodegradable waste for vermi-composting,
- Conducting Swachh Bharat Mission and Swachhata Pahkwada,
- Celebrating World Environment Day, Forest Day, Vana Mahotshav week, Earth Hour

7.2 Best Practices

BEST PRACTICE - I

1. Title of the Practice: **Catering the Local Needs through Research**

2. Objectives of the Practice:

To generate new knowledge to address the local issues through innovative and interdisciplinary research.

3. The Context:

Besides the traditional functions of teaching and research, University also has a significant responsibility for the community it belongs to. Fakir Mohan University since its inception and especially after the establishment of its new campus in the midst of a tribal and rural community in 2009 has been making every effort to serve the local community; the coastal districts of Balasore and Bhadrak in general and nearby areas of Nuapadhi, Mitrapur, Remuna and Nilgiri in particular. Keeping in view the socio-economic backwardness of the region, Fakir Mohan University through its NSS units and students of different P. G. departments has been arranging extension activities in the nearby areas for creating awareness among the local folks on social, environmental and health related issues and help them addressing different community level problems. The University has also shown its commitment towards conservation of an ancient sacred groove worshiped by the local tribes inside the campus, which is being maintained by the NSS Bureau and P. G. Department of Population Studies. However, one of the best practices of the University has been execution of research activities designed to cater the need of local community or institutions.

4. The Practice

(A) Research on social, economic, environmental and health related problems by the students

Students both at P. G. and M. Phil. levels in different departments of Fakir Mohan University are encouraged to take research topics related and relevant to the local areas. Few important issues covered by the students of P. G. Department of Environmental Science and P. G. Department of Population Studies in their master degree projects during 2017-18 under the supervision of different faculty members are listed below.

| Sl. No. | Name of the Faculty Member | Issues/ Topics guided during 2017-18 (MA/ M. Sc. level) |
|---------|----------------------------|---|
| 01 | Prof. Surjendu Kumar Dey | Analysis of water quality of the river Shalandi in and around Bhadrak town |
| 02 | Dr. Ranindra Kumar Nayak | Assessment, Conservation and Restoration of Medicinal plants in Mitrapur and its adjoining regions in Balasore District of Odisha |
| 03 | Dr. Prakash Chandra Mishra | Removal of fluoride ions from aqueous solution by low cost adsorbents made from agricultural waste |
| 04 | Dr. Mihir Tanay Das | Nutritional Quality of Country Liquors Available around Mitrapur Region, Balasore, Odisha |
| 05 | Dr. G. B. Mundu | Living Arrangement and Social Security of single Mothers in Balasore |
| 06 | Mrs. S. Giri | Child Labour in Bhadrak |
| 07 | Prof. L. N. Dash | Blind Schools in Balasore Town |

(B) Student Dissertation on I&CT

Fourteen final semester students of the P. G. Department of Information and Communication Technology also carried out their dissertations aiming at providing solution to various topical problems of the local communities and institutions. The area of research of the students included Online Travel Services System, School Management and Education System, Online Banking Application, Online medicine management system for Hospital, E-Resources Technology, University Management System, Cybernetic Protectors, Online Quiz Application, Employee Attendance Management, Online Course Portal, Experimental study on Decision Tree Classifier, Online Travel Services System, Effort Tracker System, Computer Authorization Management

System

(C) Socio-Demographic Survey of the local areas

As a part of the curriculum, it is mandatory for the students of M. A. in Population Studies/ Geography and Social Work (MSW) to visit nearby communities (Rural areas and urban slums) and assess the living condition and social, environmental and demographic scenario of the areas. As such, students of these courses have visited different wards of Nuapadhi, Mardarajpur, and Balasore and have done socio-demographic survey of the areas.

(D) Sponsored Research Projects on issues related to local area/ community

Faculty members of Fakir Mohan University have received funds for undertaking various research projects on issues related to the local areas. Some of the projects received/ undertaken/ completed during 2017-18 are as below:

| Name of Faculty (Principal Investigator) | Title of the Project | Name of the Funding agency |
|--|--|---------------------------------|
| Dr. Shubhashree Mahalik | Screening of marine isolates producing poly- β -hydroxy butyrate from eastern coast of Odisha and their expression in E.coli. | Dept. of S & T, Govt. of Odisha |
| Dr. Sunanda Chandra Pradhan | Generation, characterization and quantification of municipal solid waste in Balasore district and their impact on soil quality around the dumping sites. | UGC |
| Prof. Bisnu Prasad Dash | Sea-ranching for stock enhancement of Indian Horseshoe Crab and characterization of perivitelline fluids of its fertilized eggs for biomedical uses | DBT, Govt. of India |
| Prof. Bisnu Prasad Dash | Industrial Products from Waste: Bromelain production of native pineapple grown in tribal belts of Orissa | DST, Govt. of Orissa |
| Dr. Gitanjali Panda | An evaluation study: Implementation of Self Employment Scheme for Rehabilitation of Manual Scavengers in Odisha | OSFDC |
| Dr. Artta Bandhu Jena, | Socio-Economic Performance of RRBs with Special Reference to Balasore and Bhadrak Districts of Odisha. | ICSSR-Major Research Project |

(E) Research catering to the needs of DRDO (PXE, Chandipur)

Fakir Mohan University, since its establishment, has maintained a close academic association with PXE, Chandipur. The academic collaboration, which has been reciprocal in nature in its true sense, has further been strengthened after opening of the Post-Graduate Department of Applied Physics and Ballistics. As such, faculty members of different Departments have received funds from PXE, Chandipur for undertaking research projects relevant to their organisation . Few such projects are:

| Name of Faculty (Principal Investigator) | Title of the Project |
|--|--|
| Dr. Padmalita Routray | Effectiveness of Training and Competency Mapping |
| Prof. Bisnu Prasad Dash and Dr. Bhaskar Behera | Effect of defence weapon testing on haematophysiological parameters in persons engaged in PXE, DRDO, Chandipur |
| Dr. Sachidananda Dehuri | Knowledge Extraction using Fuzzy Genetic Approach from Meteorological data |
| Prof. Munesh Chandra Adhikary | Development of 6-DOF Model for 76MM Naval Gun Projectile in Aid of Range Enhancement |

BEST PRACTICE - II

1. Title of the Practice: **Management of Student Election**

2. Objectives of the Practice:

To manage the student election in a disciplined manner following Lyngdoh Commission Recommendations

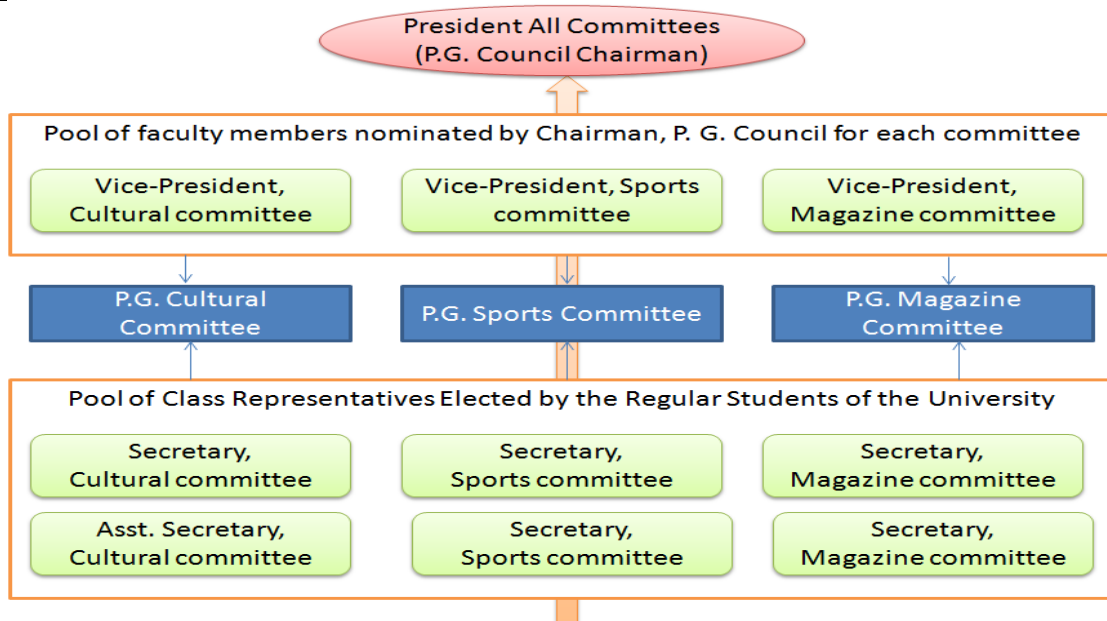
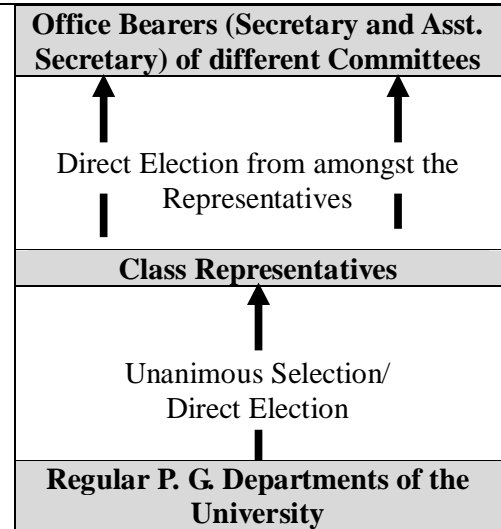
3. The Context:

Students being the principal stakeholders and the prime focus of any educational institution are given utmost importance in some of the decision making bodies in order to develop their leadership potential without compromising certain decorum and discipline on the campus. Thus, the University has devised an indirect student election procedure for the democratic representation of students at the University level that would not only ensure the voicing of grievances and the general welfare of the student populace, but would also provide a healthy learning field for the leaders of tomorrow.

4. The Practice

The University follows an indirect student election procedure in which class representatives are sent from each regular post graduate Departments who among themselves nominate and directly elect the office bearers for different posts of the extracurricular committees University.

The office bearers along with the class representatives sent from each Department plan and execute programmes related to sports, culture and other literary activities under the guidance of different teams of faculty members constituted for the purpose. As such, Secretary and Asst. Secretary are selected for three different committees namely P.G. Sports Committee, P.G. Cultural Committee and P.G. Magazine Committee who take care of all extra and co-curricular activities of the students during the entire year. At the Department level, Seminar Secretary and Assistant Seminar Secretary are also unanimously selected or directly elected by the students and from among the students who look after organisation of weekly departmental seminar, field/study tour and other programmes involving the students.



In the election, it is ensured that the student representatives meet the following criteria as per the Govt. of Odisha (in line with Lyngdoh Commission Recommendations) eligibility conditions for becoming a committee member.

- I. Students with a maximum age limit of 25 years as on date of election may contest the election/selection
- II. The Candidate should in no case have any break in academic career, i.e. back paper as on the date of filling of nomination and should have paid tuition fees and other dues.
- III. The Candidate should have attained the minimum 75% of attendance
- IV. One student have only one chance to contest for the post of Secretary / Asst. Secretary and two chances to be a committee member i.e. class representative.
- V. The Candidate shall not have a previous criminal record, i.e. she /he should not have been tried and/or convicted of any criminal offence or misdemeanor. The candidate should not have been subjected to disciplinary action by the University authorities.
- VI. The Candidate must be a regular and full time student of the University.

The election process is conducted under the supervision of one Returning Officer (One Senior Faculty Member) who is appointed by the Chairman P.G. Council.

During 2017-18, the election was held on 23.09.2017 in which Mr. Tarun Kumar Mohanta of Dept. of Business Management, Mr. Santosh Panda of Dept. of I&CT, Ms. Subha Sandhya Nayak of Dept. of Language and Literature were elected as secretaries of Sports, Culture and Magazine committees respectively.

It is worth mentioning that the University is following this practice since beginning and every year, the student election has been conducted in a peaceful manner without hampering the class room teaching and without having any incident of unpleasant nature.

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

One of the visions of the University is the culture of excellence and one of the missions of the University is to encourage its affiliated college and other institutions to develop coordination in academic and research activities of common interest including rudimentary research exposure to undergraduate students. In this connection, the University in current academic session has signed MOU with the Department of Higher Education, Government of Odisha under the World Bank assisted programme-Odisha Higher Education Programme for Excellence and Equity (OHEPEE). Under this programme the University will be receiving a grant of Rs. 17.41 cr under Institutional Development Grant (IDG) during a duration of 5 years out of which a minimum of 60% of the grant will be utilized to strengthen the affiliating colleges under Universities and to ensure quality, equity and excellence at different levels within the University and remaining 40 % of the grant will be utilized for establishing an Centre for Excellence and other infrastructural development in the University.

8. Future Plans of action for next academic year (500 words)

(A) After getting established in 1999, Fakir Mohan University got permission to offer in-campus teaching from the session 2004-05 through five regular P. G. Departments, which had increased to eight by 2016. However, as a part of the agenda of ensuring academic growth in the University campus, it has been continuously persuading Department of Higher Education, Government of Odisha to grant few more P. G. Departments especially in basic subjects of Arts, Science and Commerce. As the Government of Odisha has given permission to open ten regular P. G. Departments, which is more than the existing regular P. G. Departments open so far, from the coming academic session, the future plans of F. M. University for the session 2018-19 focus on efficient functioning of the newly opened Departments. In this connection, in order to ensure quality teaching in the P. G. Departments, F. M. University plans to undertake the following activities during 2018-19.

1. Appointment of faculty members following UGC guidelines
2. Procurement of library books especially for the new subjects
3. Developing infrastructure for the newly opened Departments including establishment of laboratories

(B) Fakir Mohan University has been sanctioned with a sum of Rs.17.41 crore under OHEPEE for which it plans to carry out the following activities during 2018-19

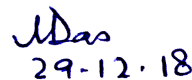
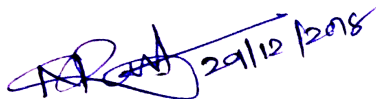
1. Establishment of a Centre of Excellence for conducting research on Natural Resources Conservation and Management in Northern Coastal Regions of Odisha
2. Conducting Faculty Development Programmes for capacity building of teachers of affiliated colleges on their domain knowledge related to the newly introduced CBCS syllabus
3. Monitoring affiliated colleges for NAAC accreditation.

(C) Further, Fakir Mohan University plans to augment infrastructural facility for promotion of Inclusive Education on its campus. Some key steps planned to be carried out in this connection, during 2018-19 include:

1. Development of facilities for differently able students, including construction of hostel building with special provision for *Dibyangs*
2. Conducting Career Counseling and coaching programmes for competitive examinations like Civil Services, UGC-NET, GATE etc.
3. Organisation of Gender Sensitization programmes for the students of different Departments
4. Efforts to implement online learning programmes through SWYAM-MOOC

Name Dr. Nihar Ranjan Rout

Name Prof. Madhumita Das



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
