SMVDU/IQAC/2017/**239**   Dated:**20th** January 2017

NOTIFICATION

Sub: Benchmarks for Departments

As approved by the Competent Authority, benchmarks for parameters related to various functions of teaching/learning, research and related areas towards further (possible) improvement in the quality in teaching and research have been set and are hereby notified as under:

1. **Industrial exposure of the students:**
   Industry visits, internships and projects for B.Tech. - Minimum one visit per Class per Semester (For 3rd -7th Semester) to be arranged by Department. Evaluation in each year under Non Credit head "Industrial Visit".

2. **Out-of-classroom learning:**
   Guest Lectures - At-least 08 Visiting Guests per year
   Conferences - 01 National & 01 International per Year
   Seminars & Workshops Organized - At-least 01 Seminar & Workshop per Year
   Faculty Development Program - at least 01 FDP of duration 01-02 Weeks per year
   Lecture by Expert from Industry/Profession - at least 02 per year

3. **Curriculum Review - Yearly:**
   Feedback from Students particularly outgoing students - at least 75%
   Feedback Obtained from Alumni - from 20 alumni per year
   Employers - from at least 2 Employers per year
   External Academicians - from at-least 03 Experts
   Industry experts - from at-least 02 experts
   Civil Society (from profession) - from at-least 02 experts
   Meeting of BoS of Department - At-least 01 Meeting per year
   Benchmarking against Curriculum of renowned institutions of higher learning - against at least 02 institutions

4. **Strengthening the infrastructure facilities as against the increasing student strength:**
   Student: Faculty Ratio - At-least as per regulatory body norms
   Classrooms & Laboratories - At-least as per regulatory body norms
   Departmental Library - Students : Book Ratio = For PG 1:5, For UG 1:2
   Seating Space for Ph.D. Students: Cubicle for each student
   Seating Space for Faculty: Cabin for each faculty
   Common Room: 01 in Each Block
   Conference Room: 01 in each Department

5. **Conduct of Meetings:**
   Departmental Meeting: At-least 01 Meeting per fortnight
   Academic Affairs Committee: At-least 01 Meeting per fortnight
   DSRC: 01 in each semester (Dec/June) for each student

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DRC: At least 01 in each month
Quality Circle: At least 01 in each month
Student Faculty Committee Meeting: At-least 02 Meeting per Semester
Other internal Departmental Committees: As needed

6. **Admission:**
Ph.D.: At-least 70% of Total Slots
PG Programs: At-least 90% of Intake
UG & Integrated Programs: At-least 90% of Intake

7. **Training & Soft Skill Development for Students**:
B.Tech., B.Arch. & Integrated: 03 Modules - 01 in each Even/Odd Semester in First three Years & Capsule Module in 7th or 9th Semester
MCA/ MBA/M.Sc./M.A./M.Tech.: 01 Modules - 01 in each Even/Odd Semester in First Year & Capsule Module in Pre-Final Semester

8. **Specialized Lab for Certification Courses:**
At-least 03 Laboratories / Certification Courses to be offered in each year

9. **Clubs for Professional Activities:**
Each student to be registered in at-least 01 Professional Club

10. **Remedial Classes:**
English Proficiency Test to be conducted in August 1st Week every Session

11. **Student progression:**
GATE: At-least 80% students of Final Year to take the Exam, 60% students to Qualify
NET: At-least 60% students of Final Year to take the Exam,
CAT/MAT/CMAT/GMAT: At-least 40% students of Final Year to take the Exam,
GRE: At-least 40% students of Final Year to take the Exam

12. **Language:**
At-least two Language Courses to be offered in each Academic Session

13. **Research output:**
Publications (Thomson Reuter Based Impact Factor)
For Engineering Departments: (CSE-1.0, ECE-0.8, ME-2.0, EM-1.5)
For Science Departments: (Physics-2.5, Biotechnology- 2.0, Maths-0.4)
For Humanities Departments: (DoL&L, DoPC- 0.25)
For Management: (DoE- 0.5, SoB- 0.5)
For Architecture: (DoALD - 0.25)

Sponsored Projects: 60% of Faculty have one running project

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Consultancy: **(Consultancy Project Per Year)**
DoEM, DoECE, DoCSE, DoME - 10% of Faculty
DoP, DoBT - 10% of Faculty
DoE - 10% of Faculty
SoB, DoALD - 20% of Faculty

14. **Student Outreach:**
Papers/Poster Presented by Students or Published in Journal per Year -
B.Tech. - 20% of students
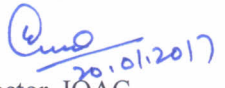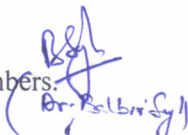M.Tech., M.Sc., M.B.A. - 90% of students
M.A. - 20% of students

15. **Memorandum of Understanding:** (External Department, Industry, Society, Institutions/Universities, PSUs) - At-least 02 Active MoUs per Department

16. **Utilization of Allocated Funds**: At-least 80% of allocated funds expended

17. **Publication of books / book chapters**: 01 Books, 05 Book chapters

All faculty members are expected to work towards achieving the respective benchmarks. Status of the benchmarks will be reviwed after every three months.

Director, IQAC

1. All Deans / I/c Deans / Heads / I/c Heads for information & circulation among the faculty members.
2. PS to VC for information of Chairman IQAC / Hon'ble Vice Chancellor.
3. Registrar for information.
4. Notification / Circular file.