



**YOGI VEMANA UNIVERSITY: KADAPA.
ANDHRA PRADESH**

PROFORMA FOR ACADEMIC AUDIT

1. Basic Information

1.1. Name of the Department : Materials science and Nanotechnology

1.2. Year of Establishment : 2009

1.3. Number of teaching staff :

Professor	01
Associate Professor	03
Assistant Professor	01
Academic Consultants	

1.4. Number of non-teaching and technical staff :

Non-teaching staff	02
Technical staff	01

1.5. Programmes offered :

Degree	No.
UG	
PG	M.Sc., in Materials science and Nanotechnology
PG.Diploma	

Ph.D.	Ph.D. in Materials science and nanotechnology
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2. Student enrollment/ Attendance

2.1. Number of applications received and students admitted

Program mme	2018-2019		2019-2020		2020-21	
	Received	Admitted	Received	Admitted	Received	Admitted
UG						
PG	197	14	197	15	161	12
PG. Diploma						

2.2. Is the record of attendance maintained for all the courses offered by the Department for the last three years? : YES

2.3. Number of students who lacked the required percentage of attendance in the last three years : NIL

3. Curricular Aspects

3.1. Has the curriculum been updated (Once in three years)? : Yes

3.2. If 'No', specify the reasons :

3.3. If 'Yes', list the percentage of syllabus changes made : 15%

3.4. Have the changes been made in tune with the feedback of the students/employers/alumni? : YES

3.5. Whether skill/employability based courses have been included or not: YES

4. Time-table and Workload

4.1. Are copies of the timetable for all courses offered by the department for the last three years maintained? : Yes

4.2. Has provision been made for UG/PG student seminar(s) in the timetable? : Yes

4.3. Are details of seminar presentation for the current

Semester available? : Yes

4.4. Total number of teaching hours of the Faculty/
Department/Centre : 36+36 = 72

Year	Semester	Total No. of contact hours/week	Total No. of Theory hours	Total No. of Practicals/Labs hours
2018-19	Odd	36	16	18
	Even	36	16	18
2019-20	Odd	36	16	18
	Even	36	16	18
2020-21	Odd	36	16	18

4.5. Average no. of contact hours / week /faculty member : Asso Prof – 14,
Asst. Prof -16; Prof -14;

4.6. Average no. of hours devoted for research including project
Guidance/week/faculty member : 10 h/week

4.7. Number of hours devoted for Extension Activities in a week
: 1 h/week

5. Internal Assessment

5.1. Where the Internal examination held as per the schedule? : Yes

5.2. If 'No', please specify the reason :

5.3. Average number of days within which answer papers were returned
to the students after evaluation : 15 days

5.4. Are Internal examination records maintained for all courses offered by
the Faculty/Department? : Yes

6. Outreach programmes in association with NSS unit. if any

6.1. Does the department participated in outreach programme (details may
be provided) : YES

6.2. Number of students participated in this programme : 41

7. Student support activities

- 7.1. Does the Department have any student Support activity? : Yes
- 7.2. If 'No', specify the reasons :
- 7.3. Are the records of such activity maintained? : YES
- 7.4. Number of students received / receiving financial assistance from the government: 50
- 7.5. Number of field visit / industrial visit made / student projects arranged by the department with University permission :
- 7.6. Number of students selected for summer internship/ internship. : 11
- 7.7. Number of popular lectures delivered by subject experts in the department. : 02
- 7.8. Initiatives taken for remedial programme for slow learners : YES
- 7.9. How many students have participated in national level Sports meet. : Nil
- 7.10. No. of National/State level awards won by the students : 12
- 7.12. Whether student feedback is obtained for all courses : YES
- 7.13. Any opportunity is given to enhance communication skills of the students: YES

8. Doctoral Programmes

- 8.1. Number of Scholars admitted : 04
- 8.2. Is admission for Ph.D. done as per UGC norms : YES
- 8.3. Number of Research scholars getting financial Assistance Provide details : 03
- 8.4. Number of Ph.D.'s awarded in last three years : 06
- 8.5. Have you introduced coursework for Ph.D.? as per UGC norms: YES

- 8.6. Do you insist on Plagiarism check : YES
- 8.7. Are research pre-synopsis presentation conducted at the Department level? : YES
- 8.8. Whether plagiarism certificate is obtained before submission of Ph.D. thesis : YES

9. Research Activities

- 9.1. Number of research proposals sent by the faculty members to various agencies during the last three years : 08
- 9.2. Number of research projects sanctioned during the last three years: 03
- 9.3. Total funds mobilized through projects in the last three years: 101.42 lakh
- 9.4. Number of ongoing sponsored projects in the Department during the last three years : 04
- 9.5. Has the Department applied for FIST : Yes
- 9.6. No. of collaborative projects with other Institutions/Industries : 03

10. Seminars/Conferences / webinars

- 10.1. Number of Seminars/ Conferences/ webinars Organized by the Faculty/Department in the last three years:
National : 02
International :
- 10.2. How many international visits were made by the Faculty members in the last three years (show Faculty, Country visited and purpose in a tabulated form) : Nil

11. Research

- 11.1. Number of books and chapters in edited volumes Publications in the last three years : 26
- 11.2. Number of Research papers Published in the last three years: 100
- 11.3. Highest impact factor of the article published in last 3 years : 19.50

11.5: Has the Department/Faculty applied/granted for any patent :
No

If Yes: give details

12. Any Others

12.1 Details of awards/recognition won by the staff
in the last three years : 04


12.2. Major contribution in the extension domain :
Participation in out-reach program for community development through NSS cell

12.3. How many MoU's have been signed in the last three
years and with whom? (show in tabular form) 03

Sl. No.	MoUs	Year of Signing MoUs
1	Siddaganga Institute of Technology (SIT), Tumkur, Karnataka	2020
2	Jain University (Deemed to be University), Karnataka	2020

IQAC Remarks:


- Publish textbook on nanotechnology for beginners
- International conferences needs to be conducted annually.


Director, IQAC, 28.12.2021

DIRECTOR
Internal Quality Assurance Cell (IQAC)
YOGI VEMANA UNIVERSITY
KADAPA-516 005. A.P.

Suggestions:

1. Industrial collaborations are encouraged.
2. IPR should be improved.

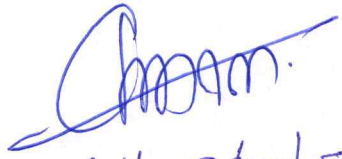

Signature of the External Expt-I


Signature of the Head/Coordinator

Professor & Head
Dept. of Materials Science & Nanotechnology
YOGI VEMANA UNIVERSITY
KADAPA-516005



Registrar
REGISTRAR
YOGI VEMANA UNIVERSITY
KADAPA-516 005.


Signature of the External Expt-II