

ASSESSMENT STATUS REPORT OF UTD
Year of Report: 2012-13

Name of the School: SCHOOL OF FUTURE STUDIES AND PLANNING

Year of Report: 2012-13

Part A: The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

1. Course curriculum:

a. Plan of Action in the Beginning of the Year:

- The curriculum of the following courses being taught might be modified:
M.Tech. (Future Studies and Planning)
M.Tech. (Systems Management)
M.B.A. (Business Forecasting)
- Choice Based Credit System (CBCS) was to be developed.

b. Outcome Achieved by the End of the Year:

- The curriculum of the following courses was modified after students' feedback and consulting the industry:
M.Tech. (Future Studies and Planning)
M.Tech. (Systems Management)

No change was made in M.B.A. (Business Forecasting) programme.

- CBCS could not be implemented.

2. Teaching, Learning and Evaluation:

a. Plan of Action in the Beginning of the Year:

- Application oriented teaching.
- Assignments on real life problems.
- More use of ICT in teaching.

b. Outcome Achieved by the End of the Year:

The following outcomes were achieved:

- Applications of the topics taught were discussed.
- Assignments on real life problems were given and evaluated.
- ICT infrastructure was modified.

3. Research, Consultancy and Extension:

a. Plan of Action in the Beginning of the Year:

- Teachers would be motivated for getting funded R&D projects, consultancy assignments, and publishing research papers.
- Teachers would be given incentives for membership of professional bodies.
- The school would organize conference, seminars and workshops for teachers and students.
- Industry-institute linkage would be developed.

b. Outcome Achieved by the End of the Year:

- Teachers were motivated for the research. The school has published 5 research papers during the year.
- No teacher has applied for any other membership of professional bodies.
- The school has organized invited lectures for the teachers and students.

4. Infrastructure and Learning Resources:

a. Plan of Action in the Beginning of the Year

- All classrooms should be ICT enabled.
- Departmental Library – Latest books would be purchased.
- LCD projectors would be purchased and installed.
- The laptops will be purchased for the teachers.
- Drinking water facilities will be provided.

b. Outcome Achieved by the End of the Year:

- The school has purchased three LCD projectors for the class rooms.
- Water cooler with purifier has been purchased and installed.

5. Student Support and Progression:

a. Plan of Action in the Beginning of the Year

- Departmental placement facilities, career guidance, counseling services should be continued.
- Sports & cultural activities would be organized.
- Alumni Association would be started.

b. Outcome Achieved by the End of the Year:

- The project placement activities were arranged with the involvement of the students.
- Sports and cultural activities were arranged.
- Alumni were contacted.
- Internships in terms of minor/ major projects were provided.

6. Governance & Leadership:

a. Plan of Action in the Beginning of the Year

- The meetings of the departmental committee would be conducted regularly.
- Efforts would be made for appointment of sanctioned teaching staff for M.B.A. (BF) programme.
- Academic Autonomy as per Ord. No. 31 is being exercised and would be continued as such.
- Students' participation in decision – making would be strengthened.

b. Outcome Achieved by the End of the Year:

- The meetings of the departmental committee were conducted regularly.
- Ord. No. 31 is being exercised.
- Students' feedback was considered for modifications in teaching and curriculum.

7. Innovative Practices:

a. Plan of Action in the Beginning of the Year

- Industry-institute linkages would be developed.
- Computerization of departmental library.
- Collaborative research activities would be promoted.

b. Outcome Achieved by the End of the Year:

- Industrial visits were organized.
- Computerization of the departmental library was started.

Part B:

1.	Activities Reflecting the goals and objectives of the institution	Enhancing Teaching and learning: School strives to bring in excellence in teaching by methodical course and curriculum development, continuous improvement in course delivery and setting appropriate learning outcomes. School enriches students
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		<p>with a set of skills, knowledge and attitudes that permits them to succeed and thrive as futurists and systems engineers. School takes care to connect research activities to teaching and thereby enlarge domain of students understanding and applicability of knowledge.</p> <p>Enhancing Research and development:</p> <p><u>Research</u>: School engages students in knowledge search, develop new system insights, develop new scientific techniques and policies which enable futurists and planners to perform with increased effectiveness. School targets increased impact from research outcomes. School strives to improve quality of research work undertaken by students.</p> <p><u>Consultancy</u>: School strives to provide consultancy services to industry and government in the area of the School's expertise. School strives to increase the demand for the School's consultancy services by promoting excellence.</p> <p>Enhancing Community engagement: School would like to start activities to develop scientific temper in the society.</p> <p>Enhancing Human resource planning and development:</p> <p><u>Faculty development</u>: School designs programs for continuous development of knowledge of faculty members by encouraging them to undertake collaborative research work with world renowned institutes, planning department of governments and reputed corporations.</p> <p><u>Staff development</u>: School maintains an environment of participatory involvement wherein staff members continually support the School in its striving for continual improvement. School explores ways and means to align staff's growth with the growth of the School.</p> <p>Enhancing Industry interaction The school has a Forum for Quality Consciousness (FQC). The lectures are delivered monthly / bi-monthly in the school by industry persons and in the industry by the faculty members. Industry visits for students are also organized. Faculty members provide consultancy to industries from time to time.</p>
2.	New academic programmes initiated (UG and PG)	Nil
3.	Innovations in curricular design and transaction	M.Tech. (Systems Management) and M.Tech. (Future Studies and Planning) programmes are re-designed keeping alumni/ students' feedback and industry demand in consideration.
4.	Inter-disciplinary programmes	All the academic programmes are interdisciplinary in

	started	nature.
5.	Examination reforms implemented	<p>Semester system is being followed and the answer sheets are shown to the students after evaluation. Discussion on the answers is held to make more understanding on the subjects.</p> <p>Question papers were designed application oriented.</p> <p>Exams were conducted as per the time table announced in the beginning of each semester.</p> <p>Results were declared within one month after completion of the semester end examinations.</p> <p>Grade sheets were issued semester wise.</p>
6.	Candidates qualified - NET/SLET/GATE etc.	GRE qualified by Mr. Avinash Navlani GMAT qualified by Mr. Umang Singh
7.	Initiative towards faculty development programme	The teachers are encouraged for faculty development programmes. Required leave is provided.
8.	Total number of seminars/workshops conducted	Two expert lectures were conducted.
9.	Research Projects:	Completed a major research project in Dec. 2012 under Dr. V. B. Gupta titled 'GIS based Forest Decision Support System for Sustainable Biomass Production and Carbon Sequestration in the Forests of Malwa Region of M.P.)'. Funded by DST, New Delhi. Grant: Rs. 29.98 Lakhs
10.	Patents generated if any	Nil
11.	New Collaborative research programmes	Nil
12.	Research grants received from various agencies	Nil
13.	Details of research scholars	<p>The research scholars are working in interdisciplinary areas of research.</p> <p>Two students were awarded the Ph.D. degree.</p> <p>Three Ph.D. dissertations were submitted.</p> <p>DET-2012 was conducted and six students were admitted.</p> <p>Ph.D. course work was conducted.</p>
14.	Citation index of faculty members and impact factor	1.12
15.	Honors/ Awards to the faculty	Nil
16.	Internal resources generated	LCD projects were purchased and installed. Water cooler and water purifier were installed.
17.	Details of departments getting SAP, COSIST (ASSIST)/DST.FIST, etc. assistance/recognition	Not Applicable
18.	Community services	Carrying out activities for science popularization.
19.	Teachers and officers newly recruited	Nil
20.	Teaching-Non-teaching staff ratio	1:2

21.	Improvement in the library services	E-books were procured and given to the students.
22.	New books/journals subscribed and their value	No new book / journal was purchased during 2012-13.
23.	Courses in which students assessment of teachers is introduced and the action taken on student feedback	In all the courses student assessment of teachers is introduced and the analysis of student feedback is reported to all concerned teachers and IQAC for further sustainable development / improvements.
24.	Unit cost of education	Total no. of students enrolled in 2012-13: 89 Annual recurring expenditure (without salary component) in 2012-13: Rs. 1158000 Annual recurring expenditure (with salary component) in 2012-13: Rs. 3218100 (a) Unit cost including the salary component = Rs. 3218100/89 = Rs. 36158 (b) Unit cost excluding the salary component = Rs. 1158000 /89 = Rs. 13011
25.	Computerization of administration and the process of admissions and examination results, issue of certificates	Departmental administration is computerized. Admission process, examination results and issue of certificates etc have also been properly computerized. All the teachers and office have desk top computers with internet facility, and printers.
26.	Increase in the infrastructural facilities	LCD projectors and drinking water facility.
27.	Technology up gradation	Latest computers and projectors.
28.	Computer and internet access and training to teachers and students	All teachers are equipped with computers and internet access. Students have also been provided facility of computers and internet in the department, IT Centre and hostels.
29.	Financial aid to students	State Govt. scholarships to SC, ST & OBC students are available. AICTE scholarships are available to GATE qualified M.Tech. students.
30.	Activities and support from the Alumni Association	None
31.	Activities and support from the Parent teacher Association	None
32.	Health services	Health services are centrally provided by University through University Health Centre.
33.	Performance in sports activities	Department has participated in the University Inter-Department sports tournaments.
34.	Incentive to outstanding sports persons	As per university policy.
35.	Student achievements and awards	Research publications by the students.

36.	Activities of the Guidance and Counseling unit	Guidance and counseling is provided to the students for academic improvement and project placements.
37.	Placement services provided to students	The students were placed for their major project work. Some students were placed as data analyst.
38.	Development programmes for non-teaching staff	None
39.	Healthy practices of the institution	Open discussion with faculty. Students interact with faculty members even during non office hours. For quality assurance self analysis and feedback from students is practiced.
40.	Linkages developed with National /International, Academic/Research bodies	CSIR laboratories-NISTADS, Centre for Mathematical Modelling and Computer Simulation, AMPRI IIMs-Indore, Kolkata. MANIT, Bhopal.
41.	Any other relevant information the institution wishes to add	Multidisciplinary teaching and research.

Part C: Detail the plans of the institution for the next year 2013-14:

1. Course curriculum:

- The curriculum of the following courses being taught will be modified:
M.Tech. (Future Studies and Planning)
M.Tech. (Systems Management)
- Choice Based Credit System (CBCS) will be developed.

2. Teaching, Learning and Evaluation:

- Application oriented teaching.
- Use of multimedia tools in teaching
- Identification of advanced and slow learners
- Engagement of advanced learners in advanced topics/ research.
- Conducting remedial classes for slow learners.
- Transparency in the evaluation process
- Measures to ensure confidentiality in evaluation

3. Research, Consultancy and Extension:

- Teachers will be motivated for getting funded R&D projects, consultancy assignments, and publishing research papers in quality journals.
- Teachers will be given incentives for membership of professional bodies.
- The school will organize conference, seminars and workshops for teachers and students.
- Industry-institute linkage will be developed.

4. Infrastructure and Learning Resources:

- All classrooms shall be ICT enabled.
- Wi-Fi facility
- Departmental Library – Latest paper books and e-books will be purchased.
- The laptops will be purchased for the teachers.

5. Student Support and Progression:

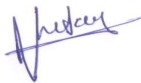
- Mentoring the students
- Apart from classroom interaction
- Career counseling, soft skill development, career-path-identification.
- Ramp for physically challenged / differently-abled students
- Sports & cultural activities

6. Governance & Leadership:

- The meetings of the departmental committee will be conducted regularly.
- Performance and academic audit of the department
- Efforts for resource mobilization
- Enhancing Industry interaction
- Enhancing Research and development
- Enhancing Internationalisation

7. Innovative Practices:

- Environment Consciousness
- Energy conservation
- Use of e-resources



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Dr. V.B.Gupta
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the Head, UTD