

Evaluative Report of the Department- A

1. Name of the Department School of Future Studies and Planning
2. Year of establishment 1990
3. Is the Department part of a School/Faculty of the university? Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Programmes	Number	Course/Subjects
UG	-	
PG	02	<ul style="list-style-type: none"> • M.Tech. in Future Studies and Planning • M.Tech. in Systems Management
Integrated Masters	-	
M.Phil.	-	
Ph.D.	1	Future Studies and Planning
Integrated Ph.D.	-	
Certificate	-	
Diploma	-	
PG Diploma	-	
Any other (please specify)	-	
Total	03	

5. Interdisciplinary programmes and departments involved

The programmes being offered at the school are of interdisciplinary nature.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

No course is being run in collaboration with other universities, industries, foreign institutions, etc.
7. Details of programmes discontinued, if any, with reasons

The following two programmes have been discontinued during last four years:
 - I. M.Sc. (Science Communication) has been discontinued since 2011 as this programme was being supported by NCSTC, DST, New

Delhi. NCSTC funding became unavailable from the year 2010 and then after the running of the programme became financially unviable.

- II. M.B.A. (Business Forecasting) has been discontinued from 2013. It was started in the year 2008 under self finance scheme. The number of admitted students started declining from the year 2008 and in the year 2012 it was just 6 out of sanctioned intake of 60. As the programme was being run under self-finance so with 10% of the students it is financially unviable.

However, efforts are being made to start a new PG programme in the year 2014-15 with good job potential.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester and Choice Based Credit System.

9. Participation of the department in the courses offered by other departments

The students are attending a course on Strategic Management being offered at IIPS.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate

Professors/Asst. Professors/others)

Teaching Positions	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	0	0	1*
Associate Professor	2	2	1
Assistant Professor	1	1	1
Others (Contract Teacher)	0	0	1*

*Mr. Avinash Navlani has been appointed as contract teacher against leave vacancy of Prof. R.C.Sharma.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil./ M.Tech. students guided for the last 4

					years
Dr. R.C.Sharma	M.A., M.Com., M.Phil., Ph.D.	Professor	Econometrics	33	Ph.D.: 07 M.Tech.:12
Dr. V.B.Gupta	M.Sc., Ph.D.	Associate Professor	Modelling and Simulation	23	Ph.D.: 11 M.Tech.: 17
Mr. Vandit Hedau	M.Tech.	Assistant Professor	Industrial Engineering and Systems	6	Ph.D.: 0 M.Tech.: 19
Mr. Avinash Navlani	M.Tech.	Contract Teacher	AI, Information Security	0	Ph.D.: 0 M.Tech.: 0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

1. Programme: M.Tech. in Future Studies and Planning

Academic Year	2012-13	
Semester	First	Second
Percentage of classes taken by temporary faculty	0%	0%

No temporary faculty in the school till 2012-13.

2. Programme: M.Tech. in Systems Management

Academic Year	2012-13	
Semester	First	Second
Percentage of classes taken by temporary faculty	0%	0%

No temporary faculty in the school till 2012-13.

Percentage of classes taken by visiting faculty – programme-wise each semester wise information

1. Programme: M.Tech. in Future Studies and Planning

Academic Year	2012-13	
Semester	First	Second
Percentage of classes taken by visiting faculty	50%	50%

2. Programme: M.Tech. in Systems Management

Academic Year	2012-13	
Semester	First	Second
Percentage of classes taken by visiting faculty	75%	62%

14. Programme-wise Student Teacher Ratio

No.	Programme	Student Teacher Ratio
1.	M.Tech. in Future Studies and Planning	12:1
2.	M.Tech. in Systems Management	12:1
3.	Ph.D.	8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

There is no sanctioned staff-technical & administrative. However, following administrative staff is working on daily wages:

1. LDC (one)
2. Peon (two)

One Junior Computer Officer is attached from Computer Centre.

16. Research thrust areas as recognized by major funding agencies

Environmental Management, Modelling and Simulation, Econometrics, Carbon Sequestration.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Faculty	Project Title	Funding Agency	Grant Received (Rs.)
Dr. V.B. Gupta	Major Research Project- “GIS Based Forest Decision Support System for Sustainable Biomass Production and Carbon Sequestration in Forests of	DST, New Delhi	29,98,970/

	Malwa Region of Madhya Pradesh” Dr. V.B.Gupta (PI)		
Dr. V.B.Gupta	Major Academic Project- “P.G. Diploma Course in Science Journalism through Distance Education” Dr. V.B.Gupta (Co-ordinator)	NCSTC, DST, New Delhi	25,00,000/-

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration:

No MOU is signed. However, the school is having in-principle collaboration with the following institutions for research and internships:

National Physical Laboratory, New Delhi

CSIR Centre for Mathematical Modelling and Computer Simulation,
Bangalore

IIM, Indore

IIM, Kolkata

IIT, Delhi

NISTADS, New Delhi

b) International collaboration: The school does not have any international collaboration.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / centre with

- state recognition Nil
- national recognition Nil
- international recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international): 12 National: 9; International: 3

- * Monographs 0
- * Chapters in Books 5
- * Books edited 0
- * Books with ISBN with details of publishers 0
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Environmental Management, Forecasting
Income Generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

No faculty is serving in national and international committees.

Dr. R.C. Sharma is the member of Editorial Board / Editorial Advisor of the following journals:

1. Journal of Economic Policy and Research
2. Journal of Institute of Public Enterprise
3. Indian Journal of Quantitative Economics
4. PACE – A Journal of Prestige Institute of Management, Dewas (MP)
ISSN 0976-0938

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

The faculty members are encouraged for participating in recharge programmes like faculty development programmes, refresher courses, capacity building programmes, etc. The faculty members have participated in the following seminars/ workshops:

1. National Seminar on Industrial Facet of Biotechnology at School of Biotechnology, DAVV, Indore, Jan. 24-25, 2012.
2. National Seminar on Relevance of link in 21st century at School of Comparative languages and Culture, DAVV, Indore, Jan. 27-28, 2012.
3. A National Workshop on E-Governance: Issues and Challenges at School of Computer Science, DAVV, Indore, Dec. 15, 2012.

Lectures have been arranged as follows:

Pt. Madan Mohan Malviya Lecture Series-2012

Seminar on Fostering Excellence in Research on 15/01/2013

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects

Year	2009	2010	2011	2012
Percentage of in-house projects	42%	77%	64%	69%

- percentage of students doing projects in collaboration with other universities
/ industry / institute

Year	2009	2010	2011	2012
Percentage of projects in collaboration with outside agencies	58%	23%	36%	31%

29. Awards / recognitions received at the national and international level by

- Faculty Dr. R.C.Sharma, Joint Secretary, TIES, Year 2011-12
- Doctoral / post doctoral fellows Nil
- Students Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Organized 47th Annual Conference of the Indian Econometric Society at School of Future Studies and Planning , Devi Ahilya Vishwavidyalaya, Indore January 6-8, 2011, Funded by Indian Econometric Society and UGC.

Outstanding participants: Dr. Y.V.Reddy, Dr. K.L.Krishna, Dr. Arvind Panagariya, Dr. N.R.Bhanumurthy.



31. Code of ethics for research followed by the departments

- Respect for Intellectual property rights of individual and institutions
- Explicitly acknowledge the work of others when referring to them in any shape, form or manner in the research work.
- Follow principles of ethical and social responsibility
- Selection of research topics directly related to the society or nation.

32. Student profile programme-wise:

Name of the Course (refer to question no. 4)	Applications Received		Selected Students		Range of percentage in qualifying exam.	
	Male	Female	Male	Female	Male	Female
M. Tech. (Future Studies and Planning)	19	2	19	01	62.13% - 74.97%	65.14% - 77.56%
M. Tech. (Systems Management)	22	11	12	08	60.44% - 71.94%	64.69% - 64.69%
Ph.D.	5	6	3	3	59.09% - 84.75%	68% - 84.71%

33. Diversity of students

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Tech. (Future Studies and Planning)	5%	95%	0%	0%
M. Tech. (Systems Management)	10%	75%	15%	0%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

GATE qualified students take admission in M.Tech. programmes.

Ms. Seema Gupta has cleared NET in the year 2009.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil.	0%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	0%
Employed	
• Campus selection	10%
• Other than campus recruitment	70%
Entrepreneurs	10%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33%
from other universities within the State	0%
from universities from other States	67%
from universities outside the country	0%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Nil

38. Present details of departmental infrastructural facilities with regard to
- a) Library: Printed books-titles (633) volumes (1210), e-books-25.
 - b) Internet facilities for staff and students: Available on 40 computers
 - c) Total number of class rooms 4
 - d) Class rooms with ICT facility 4
 - e) Students' laboratories 2
 - f) Research laboratories 2
39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/university
 - b) from other institutions/universities

No post-doctoral and Research Associates are working at present.

(A) Doctoral Students from the host university:

No.	Name of the Student	No.	Name of the Student
1.	AKSHAY JOSHI	14.	NAMRATA SHARMA
2.	ALKA RANJAN- RAGHUNATH	15.	MANOJ KUMAR JHAWAR
3.	ARPAN SHRIVASTAVA	16.	PARUL SAXENA
4.	ARPIT JAIN	17.	PAYAL SHARMA
5.	ASHIMA JOSHI	18.	PRADYUMNA YADAV
6.	ATUL BHARAT	19.	REVA PRASAD MISHRA
7.	CHHAVI RANI SAXENA	20.	SEEMA GUPTA
8.	DEVENDRA PUNTAMBEKAR	21.	SWATI JAIN
9.	HEMANT PAL	22.	TIMSY KAPOOR
10.	ISHA CHHAJED	23.	VANDIT HEDAU
11.	JAWAHARLAL GARG	24.	VIKAS SHARMA
12.	JENA PRANIT JOSHI	25.	VIVEK SHARMA
13.	KIRAN V. PANCHAL	26.	VIVEK SINGH

(B) Doctoral Students from other universities:

No.	Name of the student	No.	Name of the Student
1.	ALOK KUMAR SINGH	5.	KAVITA NAGPAL
2.	ANIL GORE	6.	K.VENKAT RAMAN
3.	ARPIT NEEMA	7.	PURVA DALKE
4.	J. N. MALPANI	8.	S.C.JOSHI

40. Number of post graduate students getting financial assistance from the university.

- 10 AICTE Scholarships for GATE Qualified M.Tech. students in each M.Tech. program
- State Govt. provides financial support to SC/ST students and sub-income level OBC students generously
- Ph.D scholarships from research projects (if available)

Scholarships	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
AICTE Scholarships	12	9	1	1	3	14
SC/ST Scholarships	0	0	1	1	1	4
OBC Scholarships	0	0	3	0	0	7
Others (Indian Oil)	0	0	2	0	1	1

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No new programme was development during 2008-12.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty feedback on curriculum is used in upgrading the syllabi.
Faculty feedback on teaching-learning-evaluation is used for further improvement or using new methods.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Students' feedback on staff is not taken.

Students' feedback on curriculum is used in upgrading the syllabi.
Students' feedback on teaching-learning-evaluation is used for further improvement.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

The feedback from alumni and employers is used to upgrade the syllabi and designing of the new programmes.

43. List the distinguished alumni of the department (maximum 10)

No.	Name of Alumni	Batch	Organization where working
1.	Mr. Yashovardhan Phatak	1990-92	Mirash Infotech, Indore
2.	Mr. Ashutosh Saxena	1990-92	RBI, Chennai
3.	Dr. Shirish Sangle	1992-94	NITIE, Mumbai
4.	Dr. Rakesh Paliwal	1992-94	SAC, Jodhpur
5.	Mr. M.Srinivas Rao	1993-95	APITCO, Hyderabad
6.	Mr. Yashwant Panwar	1995-97	TIFAC, DST, New Delhi
7.	Dr. Kumar Saurabh	2002-04	Tech Mahindra, Hyderabad
8.	Mr. Abhay S.D.Rajput	2003-05	IITM, Pune
9.	Mr. Sandeep Varshney	2005-07	Wipro, Bangalore
10.	Mr. C.P.Bhatt	2006-08	IT Power, New Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

The following external experts delivered special lectures:

No.	Date	External Expert	Affiliation	Topic
1.	24/01/2008	Dr. B.B.Bhattacharya	JNU, New Delhi	1. India: A global emerging economic power 2. Technology & Tomorrow
2.	05/05/2008	Dr. Narain Sinha	University of Botswana, Botswana	Frontier Model Analysis
3.	05/07/2008	Dr. P.Ram Babu	Cantor CO2, Mumbai	Global warming
4.	22/07/2008	Dr. C.L.Jain	St. Johns University, New York	1. Importance of Business Forecasting in Planning and Decision Making 2. Models of Business Forecasting
5.	04/09/2008	Dr. H.N.Dutta	NPL, New Delhi	Katabatic winds in Antarctica
6.	16/07/2009	Dr. B.M.Jani	Aurobindo Institute of	Knowledge Management

			Management Studies, Rajkot	
7.	10/09/2009	Dr. P.K.Choubey	IIPA, New Delhi	Policy Design and Analysis
8.	14/02/2010	Dr. S.N.Chaturvedi	Kashi Vidyapeeth, Varanasi	Engineering Economics
9.	18/03/2010	Dr. S.L.Lodha	MDS University, Ajmer	Macroeconomic Policy Analysis
10.	08/04/2010	Dr. H.N.Dutta	NPL, New Delhi	Antarctica
11.	24/05/2010	Dr. Narain Sinha	University of Botswana, Botswana	Econometrics and Forecasting
12.	24/10/2010	Dr. V.K.Jain	JNU, New Delhi	Kyoto Protocol and global warming
13.	16/01/2011	Dr. R.N.Yadava	RRL, Bhopal	Watershed Management
14.	04/05/2012	Dr. V.K.Jain	JNU, New Delhi	Climate change
15.	01/10/2012	Dr. C.S.Barla	University of Rajasthan, Jaipur	1. Sustainable Development 2. Project Management

The following special lectures were arranged at the University Level:

Lectures by awardees of Shanti Swarup Bhatnagar award.
Lecture by Bharat Ratna Dr. A.P.J.Abdul Kalam

45. List the teaching methods adopted by the faculty for different programmes.
Traditional as well as modern teaching methods, like-LCD projectors, video, group discussions, are used in all the programmes.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Programme Objectives and Learning Outcomes:

Programme	M.Tech. (Future Studies and Planning)	M.Tech. (Systems Management)
Objectives	The programme is designed to educate foresight experts who help organisations to harness future opportunities	Systems management is an interdisciplinary field of engineering that focuses on how to design and manage

	and avoid unnecessary risks. The programme trains students to become professionals who are competent to choose from various methods when facing a particular development challenge.	complex engineering projects over their life cycles. The objective of the programme is to produce and manage systems that satisfy the customers' needs, increase the probability of system success, reduce risk and reduce total-life-cycle cost.
Learning Outcomes	<p>(i) Fundamental knowledge in : Forecasting, statistical methods, mathematical modeling, simulation, decision analysis, and system dynamics.</p> <p>(ii) Advanced knowledge in: Data analysis, supply chain management, knowledge management, and market research.</p> <p>(iii) Ability for employment in: Consultancy as Business analyst, market researcher, technology analyst, and futurist. Higher education as teacher, and scientist. Govt. jobs.</p> <p>(iv) Ability for higher education and research in the areas of: Forecasting, Modelling, Simulation, scenario development and analysis.</p>	<p>(i) Fundamental knowledge in : Systems engineering, project management, statistical methods, mathematical modeling, and simulation.</p> <p>(ii) Advanced knowledge in: Database management, artificial intelligence, information security, and ERP.</p> <p>(iii) Ability for employment in: Software companies as system engineer, system manager, analyst. Consultancy in ERP, information security, data analysis. Higher education as teacher, and scientist. Govt. jobs.</p> <p>(iv) Ability for higher education and research in the areas of System engineering, Modelling, Simulation, system dynamics, project management.</p>

The school has constituted following monitoring committee to ensure that

objectives of the programmes are met:

- | | |
|-------------------------------|--------------------------------|
| 1. Dr. V.B.Gupta | Head & Chairman |
| 2. Mr. Vandit Hedau | Faculty member |
| 3. Mr. Deepak Mittal
(FSP) | Student Representative-M.Tech. |
| 4. Ms. Usha Jain
(SM) | Student Representative-M.Tech. |

47. Highlight the participation of students and faculty in extension activities.

The faculty members and students participated in the following extension activities of department:

1. MDP for officers of Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited during Nov. 1-2, 2009
2. DPR Writing Workshop for SMEs during, Aug. 8-9, 2009
3. Industrial visits:
Maral Overseas Ltd. on 06/02/2008
Tata International Ltd. On 26/03/2009
Indo-German Tool Room on 08/09/2009.

48. Give details of “beyond syllabus scholarly activities” of the department.

Students work on advanced topics and publish their research papers. The students have published two research papers in the year 2012-13 in the areas of e-governance and information security.

Industrial visits:

- Maral Overseas Ltd. on 06/02/2008
Tata International Ltd. On 26/03/2009
Indo-German Tool Room on 08/09/2009.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No accreditation / grading by any other agency.

AICTE approval for the M.Tech. programmes being run.

50. Briefly highlight the contributions of the department in generating new

knowledge, basic or applied.

The contributions of the department in generating new knowledge, basic or applied can be described with the followings:

Research Publications:

S.No.	Title of the published research paper, Year of Publishing, Name of the Authors, Journal Name, Volume, and Page number	Impact factor (Print 0.0 if no impact factor is documented by Journal. ISSN/ISBN
1.	Indore Air Quality – An Evaluation, 2008, H.K.Gupta and R.C.Sharma, Indian Journal of Environmental Protection, 28(10), 926-934.	ISSN : 0253 - 7141
2.	Heteroscedastic Frontier Model and Efficiency: A Financial Analysis of State Level Public Enterprises in India, 2008, Sharma R.C., Narian Sinha & R.K. Mishra, Rajasthan Economic Journal, Vol.32(1), 19-37.	ISSN : 0975 - 9050
3.	Enrollment and Dropout Rates of Male & Female Students in School of Education in India: A Comparative Analysis, 2008, Sharma Namrata, Meenu Kumar & R.C. Sharma, Gyan – The Journal of Education, 28-33.	ISBN: 0972-9992
4.	An Analysis of Public Opinion on Science Television Channels, 2008, V.B.Gupta, Meenu Kumar and Chandrika Chaurasia, Indian Journal of Science Communication, 7 (1), 10-14.	ISSN : 0972 – 429X
5.	Observations of Carbon Monoxide in Antarctic Troposphere at Maitri, Antarctica, 2008, S.L.Jain, B.C.Arya, Ashok Kumar, Sachin D.Ghude, and V.B.Gupta, Scientific Report of Twenty Second Indian Antarctic Expedition, Technical Publication No. 20, 95-102, Published by National Centre for Antarctic & Ocean Research, Goa.	ISBN: 978-81-906526-2-9
6.	Ozone Hole during 2002 and 2003: A Comparison, 2008, S.L.Jain, B.C.Arya, Sachin D.Ghude, Ashok Kumar, and V.B.Gupta, Scientific Report of Twenty Second Indian Antarctic Expedition, Technical Publication No. 20, 109-116, Published by National Centre for Antarctic & Ocean Research, Goa.	ISBN: 978-81-906526-2-9
7.	Online Measurement of Surface Air Concentration of CH ₄ and CO ₂ at Maitri,	ISBN: 978-81-906526-2-9

	Antarctica, 2008, S.L.Jain, B.C.Arya, Ashok Kumar, V.B.Gupta, and Sachin D.Ghude, Scientific Report of Twenty Second Indian Antarctic Expedition, Technical Publication No. 20, 117-124, Published by National Centre for Antarctic & Ocean Research, Goa.	
8.	Mathematical Modelling of Katabatic Winds over Schirmacher Region, East Antarctica, 2008, Ashok Kumar, V.B.Gupta, H.N.Dutta and Sachin D.Ghude Indian Journal of Radio and Space Physics, 36, 204-2012.	Impact Factor: 0.075 ISSN : 0367 - 8393
9.	Examining Convergence of Food Consumption in Asian Countries: An Application of Sale-i-Martin Measures, 2009, Sharma R.C. and Shubhangi Jore, 91 st Conference Volume of the Indian Economic Association, The Indian Economic Journal, 1101-08.	ISSN: 0019- 4662
10.	Food Consumption in Asian Countries: A Residual Analysis for Examining Convergence, 2009, Sharma, R.C. and Shubhangi Jore, AIM Explore (A Journal of Management Awareness), 6,8-16.	ISSN: 0973-0001
11.	The Relationship between Capital Ratio and Port-Folio Risk of Scheduled Commercial Breaks in India, 2009, Singh Manmeet, R.K. Vyas and R.C. Sharma, International Journal of Business Insights and Transformation, 2, 89-103.	ISSN: 0974-5874
12.	Mathematical Models for Diffusion of Dry Technology in Indian Cement Industry, 2010, V.B.Gupta, Ashok Kumar, S.T.Venkatesan, and Arvind Kumar Gupta, Global Journal of Flexible Systems Management, 4, 324-26. www.indianjournals.com	ISSN: 0972-2696
13.	Carbon Sequestration Assessment and Sustainable Policy for Madhya Pradesh, 2010, A.K.Singh, V.B.Gupta, and R.K.Jha, International Conference on Climate Change and Developing Countries, Organized by CEET and M.G.University, Kottayam, Kerala, Feb. 19-22, 2010.	International Conference
14.	Examining Convergence of Food Consumption in Asian Countries: A Naïve Residual Analysis, 2011, Sharma, R.C. and Shubangi Jore, 47 th Annual Conference of The Indian Econometric Society, Devi Ahilya University, Indore (School of Future Studies and Planning), 6-8 Jan. 2011.	National Conference

15.	Factors Affecting Consumer Involvement in Purchase of Garments: A Quantitative Analysis for Marketing Strategies, 2011, Sapna Solanki & R. C. Sharma , 47 th Annual Conference of The Indian Econometric Society, Devi Ahilya University, Indore (School of Future Studies and Planning), 6-8 Jan. 2011.	National Conference
16.	Food Consumption Pattern in West and East Asian Countries: A Comparative Analysis using Barro and Sala-I-Martin Measures, 2011, Shubhangi Jore and R. C. Sharma, 47 th Annual Conference of The Indian Econometric Society, Devi Ahilya University, Indore (School of Future Studies and Planning), 6-8 Jan. 2011.	National Conference
17.	Forecasting Exchange Rate for Euro, GBP and USD with respect to INR using Dynamic Adaptive Neuron – Fuzzy Logic System, 2011, Abhinav K. Shrivastava, Usha Shrivastava & R. C. Sharma, 47 th Annual Conference of The Indian Econometric Society, Devi Ahilya University, Indore (School of Future Studies and Planning), 6-8 Jan. 2011.	National Conference
18.	Asymptotic Limit of Consumption and Threshold Level of Income: A Macroeconometric Analysis of Asian Countries, Global conference on Economics Finance and Management, 2011, Sharma R C and Shubhangi Jore, International Conference organized by World Academy of Social Science-Australia, at Toronto; Canada, 9-10 June 2011.	International Conference
19.	Corporate Governance and Firm Performance : An Empirical Analysis of Finance & Pharmaceutical Sectors, 2012, Kapooria Pallavi, Sharma R C and Kaul Deepak), Management Research Journal “Prabandhan & Taqniki”, Vol.6 , pp. 19- 22.	ISSN: 0974-8563
20.	Land Use Pattern and Forecasting of Carbon Sequestration in Madhya Pradesh Forests, 2012, A.K.Singh, R.K.Jha, and V.B.Gupta, International Journal of Multidisciplinary Research, 2, 5, 29-39.	ISSN: 2231-5780
21.	Impact of Corporate Governance on Firm Performance: A Comparative Analysis of IT and Finance Sector, 2012, Kapooria Pallavi, Sharma R C and Kaul Deepak), Ch. 7, pp.53-57 in Ed. Rajendra Jain, Sanjay Dubey and	ISBN: 978-93-5062-002-1

	Amitabh Joshi, “Developing Strategies for Organizations in Global Economies: Prospects, Issues & Challenge”, Excel Books, New Delhi.	
22.	Some Challenges of Corporate Governance on Performance: An Innovative Econometric Analysis for Sustainability of Firms, 2013, KapooriaPallavi, Sharma R C, Kaul Deepak, Sharma Nivedita, Ch. 13, pp. 176 – 185 in Ed. R.K.Mishra, ShitalJhunjunwala& J.Kiranmai, “Corporate Governance in Emerging Markets”, Bloomsbury Publishers, New Delhi.	ISBN No. 978-93-82563
23.	Urbanisation and Economic Development in Madhya Pradesh: Policy Implications for Sustainable Forest Management, 2013, A.K.Singh, V.B.Gupta, and Ram Kumar Jha, Journal of Energy, Environment, and Carbon Credits, 3, 1, 22-30.	ISSN: 2249-8621

Conference

47th Annual Conference of The Indian Econometric Society, School of Future Studies and Planning, Devi Ahilya University, Indore, 6-8 Jan. 2011.

Research Projects:

No.	Title of the Project	Funding Agency	Sanctioned Grant (Rs.)	Starting Date
1.	Major Research Project- “GIS Based Forest Decision Support System for Sustainable Biomass Production and Carbon Sequestration in Forests of Malwa Region of Madhya Pradesh” Dr. V.B.Gupta (PI)	DST, New Delhi	29,98,970/- (3.50 years)	01/07/2008
2.	Major Academic Project- “P.G. Diploma Course in Science Journalism through Distance Education” Dr. V.B.Gupta (Co-ordinator)	NCSTC, DST, New Delhi	25,00,000/- (5 batches)	01/07/2006

The school has produced following students since 1990 who are serving the nation:

M.Tech. (Future Studies and Planning)	207
M.Tech. (Systems Management)	93
M.Sc. (Science Communication)	103
M.B.A. (Business Forecasting)	78

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1. Strengths:

- (i) Interdisciplinary nature of the academic programmes
- (ii) Innovative academic programmes
- (iii) Interdisciplinary & Funded research
- (iv) ICT facilities
- (v) Team work

2. Weaknesses:

- (i) Inadequate permanent Faculty and therefore reliance of Contractual full time and part-time visiting faculty
- (ii) Need of sanctioned non-teaching staff
- (iii) Requirement of additional application softwares
- (iv) Need of sanctioned technical staff
- (v) Need of enhancing the e-learning and mobile based learning

3. Opportunities:

- (i) Consultancy
- (ii) Research
- (iii) Student ex-change programmes
- (iv) Developing scientific temper
- (v) Industry-institute linkages

4. Challenges:

- (i) Development of national level research laboratories
- (ii) Collaboration with leading national / international institutes/ universities/ R & D organizations
- (iii) Virtual laboratory
- (iv) Virtual class room
- (v) On-line tests and mobile learning

52. Future plans of the department.

1. Plans to start following PG programmes:

- (i) M.Tech. in Mathematical Modelling and Simulation
- (ii) M.Sc. in Analytics

2. Collaborations with the reputed research organizations, and industries.

3. Research projects from funding agencies.

4. Development of Infrastructure:

- (i) Virtual Laboratories
- (ii) Infrastructure-building and labs.

Write up of efforts for Quality Sustenance and Assurance in the department- B

The following efforts are helpful:

The action plan was prepared by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year. For quality assurance, self analysis and feedback through discussion with academic peers and students was practiced.

Students played a role in quality improvement by giving suggestions. Department worked with a goal to provide best possible knowledge in the field and for the overall development of the students through regular teaching, seminars and discussion with them.

Regular updating of the course contents for advanced knowledge of various topics was done by the concerned teachers.

Research activities were always encouraged and available facilities were provided to the students and other researchers of the university.

Feedback from students, alumni and academicians was routinely taken, analysed and implicated for updating and development through such a practice the course paper.

Participated in following IQAC lectures:

- (i) Quality issues in Paper Setting and Evaluation, Sept. 28, 2012
- (ii) Fostering Excellence in Research, Jan. 15, 2013
- (iii) Quality issues in Teaching Learning Processes, May 10, 2013
- (iv) CBCS and Design of Academic programs for student centric learning, Lecture by Prof. Rege, College of Engineering, Pune, May 15, 2013

Declaration by the Head of the Department- C

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.



Signature of the Head of the
institution with seal:

Place: Indore

Date: 22-08-2013