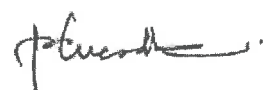


ACADEMIC AUDIT

For the year 2020-21

Criteria		Department's comments		Reviewers Observations and comments
A Department information				
Year of Establishment: M. Tech. - 1966, B. Tech. - 2012				
NBA Accreditation status	UG	Nil		NBA accreditation may be sought for UG programme under UG Tier II
	PG:	2008 (5 years)		
	PG:	2014 (5 years)		
Dept. vision, mission, graduate attributes/goals clearly defined and its agreement with Institute vision, mission and goals	Vision		Annexure A1	PEOs should also be framed for PG programmes. Although PEOs are largely aligned with Departmental Vision, Mission and Goals, it may be further fine tuned
	Mission		(Annexure A1)	
	Goals: Short term Long Term		(Annexure A1)	
	PEO's		(Annexure A1)	
	Alignment with Institute vision, mission and goals		Yes, in line with Institute vision, mission and goals	
No. of UG intake and admissions Institute level Ranking of students		Intake = 60 students MH-CET Ranking of students: Annexure A2		Various rounds of admission may be planned to fill in all seats (1/3 rd seats remained vacant during 2020-21) Students admitted are found to be having very good MH-CET rankings
No. of PG programs in the department and admissions: Institute level Ranking of students		1) M. Plan. (Town & Country Planning) 2) M.Tech Construction Management 3) M.Tech Structural Engineering 4) M.Tech Geotech Engineering 5) M.Tech Environmental & Water Resource Engineering (Annexure A3)		Offering as many as five PG programmes by a Department is really commendable
Student Faculty Ratio (SFR)	UG	Required SFR = 17.14 Actual SFR = 14.07		While SFR for UG programme is found to be very good, it marginally falls short of the required ratio by decimal points for PG programme. It may be considered as satisfactory
	PG	Required SFR = 10.33 Actual SFR = 10.66		
Total PGD faculty required		Nil		It is only obvious since PGD course is not





Total PGD faculty in-house		conducted
Total PGD faculty from outside		
Budget and purchases as per dept. budget. DDF utilization	Purchase of equipments and other material as per department budget: Budget 2020-21: Annexure A4 Expenditure on purchase: Annexure A5 DDF utilization: Nil	No expenditure is seen to have been made against Equipment and Research Grant. No DDF utilization report is enclosed
PG Diploma courses conducted, if any	Course Title: Nil Period: Nil Type: Certification applied Nil	Noted
Short Term Part-Time/Full Time CEPs conducted by the department, if any	Nil	Noted
Portfolio allotment and faculty mentoring schemes in place	Annexure A6	Very good portfolio allotment
Emeritus and Prof. in practice faculty, Chair Prof. INAE/AICTE Chair Prof.	Nil	Noted
B Infrastructure facilities		
Space and facilities No. of Classrooms	UG: 6, PG: 3 UG: 3, PG: 2	Noted. Departmental Library cum Reading Room separately for Town Planning Section may be planned for 2021-22
Studio	1	
Research Lab for PG	1	
Computer Lab for FY	1	
UG	1	
Model Making and Carpentry Workshop	1	
Art Court	1 (Available at Institute Level)	
Multi-purpose Hall	1 (Available at Institute Level)	
Resource Centre	1 (Available at Department Level)	
Seminar Hall	Available at Institute Level	
Dept. library and reading room	Available at Institute Level	Noted
Common Room for Girls	Available at Institute Level	
Common Room for Boys	Available at Institute Level	
Internet Lab Facility	Campus is Wi-Fi enabled	
Wi-fi Facility		
Equipments and facilities available and their status:	Plotter and Printer are in working condition	
Log book status	Maintained Auto CAD, GIS	




Softwares Modeling and computational tools and facilities	Yes (SPSS, MATLAB)	
Incubation Labs	Yes, at Institute level	
Industry sponsored labs	Plumbing Laboratory	Noted
New lab/equipments added in 2020-21		Noted
New Softwares added in 2020-21	Nil, No procurement due to Pandemic	
MODROBS sanctioned in 2020-21		
Testing Lab	Nil	
Virtual Lab Development	Nil	May be experimented during studio visit
C Academics (Teaching learning process)		
Syllabus Content % UG		The Syllabus should be loaded more with Departmental Electives since NEP'20 recommends Choice Based education
PCC (Programme Core Courses)	54.22%	
Basic Sciences	0%	
Engineering	3.61 %	
Honors and Minors courses	12 courses are offered to UG planning students.	
Humanities	Minors are offered by other departments to Planning students.	
Projects (Micro, Mini, BTech)	4.82%	
Tutorials	12.05%	
Department Elective Course	18.08 %	
Industrial Internships	5.42%	
	1.2%	
	Students are encouraged to take up the industrial internship and this activity is managed by the department level.	
Syllabus in line with AICTE model curriculum	Yes, we refer to the AICTE model curriculum and the guidelines given, however, most of the course contents are framed on higher knowledge level.	Noted. However, the Department may continue updating the syllabus and get it endorsed by AICTE from time to time
Syllabus Content % PG		More electives should be offered. Students may be encouraged to take relevant elective from other Departments of CoEP / other national and foreign institutes with a proper credit exchange programme
PCC – Programme core courses	71.08 %	
Humanities	1.3 %	
Internship Weightage	1.3 %	
Dissertation In-house	26.32%	
Rotation of faculty for subject teaching	Generally, faculty teaches one course three times in continuation	Perfectly fine. Since each faculty develops an expertise for a few

Faculty matrix of teaching of his/her number of courses Availability of alternate faculty for teaching-evaluation of every course	Annexure- C1 Yes, alternate faculty for teaching-evaluation is available.	<i>Subjects, rotating any faculty for any Subject s/he is not comfortable in may not be conducive to the students</i> <i>Noted. Very commendable arrangement</i>
% of Senior faculty engaging UG Courses	Dr. S.G. Sonar, Dr. Arati Petkar, Ms. Neha Verma Madan, Shubhangi Thakare, Mr. Yogesh Keskar, Ms. Amruta Deshpande 43% of senior faculties engaged in UG Courses	<i>Appears to be sufficient</i>
Faculty course files containing handouts, assignments, tutorial sheet, question bank, list of resources/reference materials etc.	Course files are maintained by the respective faculty teaching the course. However, after we started teaching in WebEx Moodle platform, course materials are also available in individual faculty Moodle course platform	<i>Very commendable job done</i>
Lab manuals/handouts/SOP	Lab Manual for Planning Studios and Internship Manual is available	<i>Noted</i>
Syllabus revision frequency UG PG MOOC courses	UG - Every 4 years syllabus revision is completed; the syllabus is revised as per the feedback received from Industry people. Revisions in the syllabus were there since its inception. Now 2019-23 revision is going on. PG - Every 4 years syllabus revision is completed. Revisions 2003-07, 2007-11, 2011-15, 2015-19 and 2019-23 were Completed. Urban Disaster Risk Mitigation Climate Resilience Development Urban Governance and Management	<i>Noted. Very praiseworthy initiatives undertaken</i>
Industry floated courses at UG PG	Planning Legislation I, Planning Legislation II Law in relation to Planning	<i>Noted. Found to be pertinent</i>
JRF/SRF/TA/RA in dept.	SRF - 06 + 1 (TEQIP) + 1 (QIP) JRF - 06 + IDF - 4 (at Department Level)	<i>Noted, very good</i>
Full time PhDs in the department	19	<i>Noted, very good. Check the total number, should be 18 (9+9)</i>
PhDs going on based on actual industrial	09	<i>Noted, very good</i>

problem		
PhDs having potential to IPR generation	09	<i>Noted, very good</i>
Ph.D. status Ongoing and completed	09 ongoing, 0 completed	<i>Noted</i>
Candidates sponsored by Industry for Ph.D.	Nil	<i>Noted. Should however promote Industry sponsored PhD</i>
Exam Evaluation scheme Theory	Evaluation scheme comprises of T1 (20) + T2 (20) + ESE (60) = 100.	<i>Noted. Very good</i>
Practical	Assessment through regular studio work, Weight-age of Attendance, Quizzes, Term work, Oral etc.	
Avg. numerical/analytical content per course	Few Core Courses are numerical based. Statistics, Planning Techniques, Project Formulation, etc.	
Audit of question papers through experts	Every year a question paper audit is conducted	
External examiners participation in Theory and Practical evaluation	Additional faculty from the specialization is working as external examiner.	
CO-PO Assessment	CO assessment is done every semester by the course faculty and PO assessment is done every year for the batch graduating that year.	
Open Book Exams	Minimal	
Co-Teaching scheme	Industry experts from Town Planning and Valuation department, Government of Maharashtra are teaching at UG and PG level	<i>Very good</i>
DUPC-DPPC: UG, PG	For discussion on revision of syllabus for UG and PG, Panel meets every 3 years. For Grade finalization DUPC/DPPC meeting of all the internal faculty members is conducted after every semester. i.e. twice a year. Dates: 10/07/2020; 12/10/2020; 11/12/2020	<i>Very good</i>
Quality of Students projects and relevance to specialization:	Topic selection is as per student's choice. Students are encouraged to publish research papers in reputed journals and present them at conferences.	<i>Very good</i>
UG & PG	Assessment: Mid-term and End Sem Evaluation.	

		End Sem evaluation is done by the external expert faculty.	
	Comprehensive Viva voice exam	Yes	<i>Noted</i>
	Coaching for exams like GATE etc.	Yes	<i>Noted</i>
	Committees in place and members: DDF, Purchase committee, BOS, IAB Programme Assessment and Quality Improvement Committee (PAQIC) Cleanliness Grievance	Purchase committee: PMR, SGS, ASP, YMK, SPB PAQIC: SGS, ASP, ARD, MSR Yes, at Institute level Yes, at Institute level Annexure-C-2	<i>Noted</i>
	Dept. webpage Status, Student webpage, Facebook, LinkedIn	Planning Section under Civil Engineering department in COEP webpage (https://www.coep.org.in/departments/planning) Yes Yes	<i>Noted. Planning Section may be allowed to develop its own homepage hosted on the Departmental Website</i>
	Full time adjunct faculty in the dept.	Eight faculties namely Lisha Bendre, Isha Panse, Jaysing Jadhav, Shubhangi Thakare, Suresh Bhalsing, Pooja Gandhile, Snehal Bansode, Prajakta Sonar	<i>Noted</i>
	Part time adjunct faculty in the dept.	Nil	<i>Noted</i>
	Faculty/Industry People Invited in co-teaching	Ten faculties namely Mr. A.R. Patharkar, Mr. Rajan Kop, Mr. Sanjay Pathak, Mr. Avinash Patil, Mr. Girish Phatak, Mr. R.N. Gohad, Mr. Shivraj Patil, Jaspreet Chhabada, Neha Jagtap	<i>Noted. Very eminent persons are seen to be invited for co-teaching</i>
D	Faculty contributions		
	Fellowships, Accolades received	ASEM - DUO India Fellowship - Prof. Pratap Raval	<i>Very good</i>
	Sponsored R&D projects Existing/Ongoing Submitted Funding obtained for research	Annexure D1	<i>Noted. Should try bagging more project provided it does not overload the faculty</i>
	Sharing of study materials, assignments, continuous evaluation of students	All data is created on Moodle, Microsoft Teams and access to the same is given to all students. Quizzes, assignments, presentations were conducted	<i>Very good</i>
	Interdisciplinary	Annexure D1	<i>Very good</i>

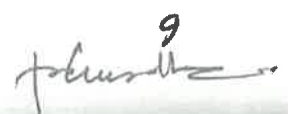
projects ongoing and research groups		
Consultancies Completed and Ongoing	Nil	<i>Noted</i>
Faculty publications in SCI/Scopus/UGC Listed/E-SCI/SCI-E indexed journals (Individual) List of Journal Publications of AY 2020-21 to be attached	Faculty: Prof. Pratap Raval Title: Modelling urban mixed land-use prediction using influence parameters for Pune Geoscape Journal E-ISSN:1802-1115	<i>Noted. Commendable achievement</i>
Faculty Publications in Reputed Conferences	22 (Annexure D2)	<i>Noted. Commendable achievement</i>
Faculty publication ratio SCI/Scopus indexed journals (recommended 1-1.5)	0.06	<i>Noted. Commendable achievement</i>
Books, Monographs, book chapters, MOOC courses developed etc.	03 (Annexure D3)	<i>Noted. Commendable achievement</i>
IPR like Patents etc.	Nil	<i>Noted</i>
Faculty self-development Courses completed Sabbatical, Faculty deputed for TEQIP programs NPTEL courses completed Faculty attending the AICTE exam reform training program	Annexure D4 NIL NIL 08	<i>Noted</i>
International/National Conferences, symposiums, seminars, research conclaves, workshops, FDPs, STTP, Training's etc. Conducted Attended	National conference organized: Online National Conference on Planning, Design and Management (NOCPDM-2021) Seminars/workshop conducted:09 (Annexure D5) Seminars/workshop attended:04 (Annexure D6) Training: ICT FDP: 2 (Annexure D4 and D6) STTP's attended: 02 (Annexure D4) STTP's conducted: 01 (Annexure D7)	<i>Noted. Very good</i>
Faculty travelled abroad/in country for	Nil	<i>Noted</i>

University collaboration		<i>Noted</i>
Faculty applied for research funding	Nil	
Seed money given to faculty	Rs. 5 lakhs per project for 2 projects.	<i>Very encouraging gesture</i>
Futuristic and interdisciplinary projects UG PG	Nil	<i>Noted</i>
Faculty industry connect: Industry partners: Own industry:	Annexure D5 and Annexure D8	<i>Noted. Very good</i>
MoU signed:	Nil	
Industry participation in Funded projects:	Nil	<i>Noted</i>
Co-teaching details for each course:	Annexure D9	
TEQIP funded projects	NOC PDM 2021 (Annexure D8) FDP Research Methodology	
Professional society student chapters: Professional society's Memberships:	Annexure D10	<i>Noted</i>
Expert lectures organized/given through chapter National council member faculty: activities,	Nil	
Entrepreneurship development and startups related activities by faculty	Nil	<i>Noted</i>
Roadmap development for the next five years	To establish separate School of Planning along with more specialization at Post Graduate level.	<i>Should be intensely pursued</i>
E Supporting staff contributions:		
Qualification and participation in academics	<ol style="list-style-type: none"> 1. S.D.Awtade (Gawandi) SSC, ITI 2. R.A.Zagade Lab Assistant 12th Science , B.Com, Ded 3. R.K.Sorte 7th std pass. Responsibilities: <ul style="list-style-type: none"> ▪ Maintain Consumable Register ▪ Software Installation ▪ Maintain Thesis Record ▪ Bill passing ▪ Maintain DSR Register 	<i>Noted</i>

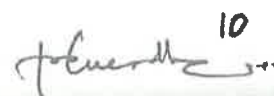
Filing and data record keeping	Yes	Noted
Class 4: House keeping	Outsourced to Bharati Enterprises.	Noted
Class 2 and 3: Lab/ office maintenance	Annexure E2 Portfolio order for supporting staff	Noted
Class 2 and 3: Training's underwent (Gem/Maha-Procurement, UTM, Billing, DSR, etc.)	Yes	
Staff sent for training/workshop/skill upgradation /qualification improvement	<p>Mrs.R.A.Zagade</p> <ol style="list-style-type: none"> 1) One Day Workshop On Mind Power (COEP) 2) UPS Technology and Battery Maintenance (COEP) 3) Ujalani Prashaskiya Prashikshan Rameti pune 4) TEQIP- II Sponsored Certificate Course in Personal Excellence through English and Soft Skills <p>Annexure- E1</p>	Noted

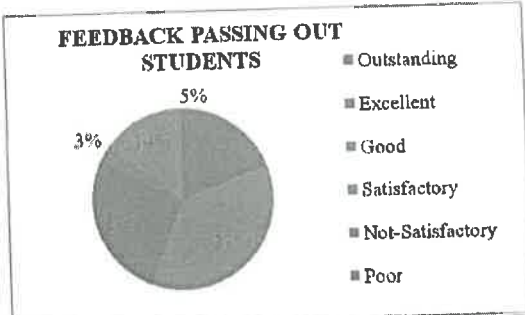
F Students' Participation and Achievements

Student Performance		
Passing out in first attempt %	UG = 71.66% PG = 83.33%	Noted
Student scoring first class (> 6.75 CGPA)	UG =17 PG= 4	Noted
No. of UG students graduating/ed in 4 years	54	Noted
Number of Students Graduating/ed in more than 4 years	1	Noted
No. of PG students graduating/ed in 2 years	29	Noted
Number of PG Students Graduating/ed in more than 2 years	0	Noted
Awards/Prizes received by students	<p>Wipro Earthian six teams from B. Tech. Planning won the 'Wipro Earthian Award 2020</p> <p>ITPI Best Thesis Award First Prize : Nagpur Chapter to Ms. Gorvee Karnany M. Plan</p>	Noted
Results Analysis (UG Pass Out Performance)		
Students with CGPA 10	UG = 0, PG = 0	Noted
Students with CGPA 9 to < 10	UG = 4, PG = 2	Noted

Students with CGPA 8 to < 9	UG = 14, PG = 10	Noted
Rest all UG, PG	UG = 36, PG = 17	Noted
UG/PG (Co/extra – curricular activities)	<p>▪ NOSPLAN 2021: First Prize for Live Debate; Second Prize for Entertainment</p> <p>▪ Some students have contributed significantly in mitigating the impact of Covid-19 on society.</p> <p><u>Ninad Deshpande</u>: Volunteer for Jankalyan Samiti to screen patients for Covid symptoms in slums of Pune.</p> <p><u>Ninad Deshpande & Ashutosh Gaikwad</u>: Prepared post covid action plan for Ahmednagar Municipal Corporation.</p> <p><u>Padmesh Kulkarni</u>: Volunteer for data analysis in PCMC covid war room.</p> <p>Facilitated help for migrant workers from PCMC area with Jankalyan Samiti</p> <p><u>Ashutosh Salunke</u>: Made a low-cost sensor-based sanitizer dispenser.</p> <p><u>Siddhi Raut and Gauri Mahajan</u>: Made cloth masks at home as part of NSS activity and distributed them to the needy.</p>	Great achievement
Student internships major industries UG	12.76 % Industrial Internship 87.24 % Certificate Courses	Industrial internship should be vigorously promoted
PG	15 % Industrial Internship 85 % Certificate Courses	
Student publications	NOC PDM papers: 24 no Annexure H	
Qualifying exams (GATE, Higher studies- MS/PhD, Others)	GATE	Noted
GATE Qualified UG students	13	
Student Startups	Nil	Noted
Innovative Product/Prototype Developed by Students Prototype Developed Product Developed Prototype + Product Developed	<u>Ashutosh Salunke</u> : Made a low-cost sensor-based sanitizer dispenser.	Very commendable
G Student's Placement and Package		
Students placed and package received (Min and max)	Annexure G	Excellent. Should be circulated widely

H Other Important Aspects			
Feedback taken from Passing out students Alumni Industry	Exit survey (of passing out students) and internet survey (all students) were done to understand the online learning experience and technical issues faced by the students.	 <p>FEEDBACK PASSING OUT STUDENTS</p> <ul style="list-style-type: none"> ■ Outstanding ■ Excellent ■ Good ■ Satisfactory ■ Not-Satisfactory ■ Poor 	Reasons for Poor and Not Satisfactory feedback should be ascertained
Alumni connect and their involvement in dept. activities: Programs arranged	<p>Online lectures and interactive sessions organized involving COEP alumni.</p> <p>1. Guest lecture (by Alumni) – 3 nos.</p> <ul style="list-style-type: none"> ■ Shivraj Patil (in Webinar) on Town Planning Schemes, on 28th May 2020. ■ Mr. Mahesh Harhare (in Webinar) on Changing landscape of Urban Transportation in India, on 31st May 2020. ■ Shivraj Patil (Guest lecture) on 'Roles and Responsibilities of Area Development Authority: sharing experience of KUDA' on 28th Oct 2020. <p>2. PODCAST on 'All about Internship, first job and future career in Planning' on 10th May 2021.</p> <ul style="list-style-type: none"> ■ Mr. Prem Kankariya, Partner at Planitech Consultants ■ Mr. Suraj Iyengar, Manager at CRISIL 	Noted, Excellent	
Department Best Practices, Additional practices the dept evolved during the pandemic period	<p>1. Distribution of laptops by Alumni to needy students</p> <p>2. Organized three Webinars on</p> <ul style="list-style-type: none"> ■ Practical Approach to Aspects of Urban Planning from 27th May to 31st May 2020. ■ 'Post Pandemic Planning and Design Challenges in India' from 13 to 15 June 2020 ■ 'Post Covid Scenario: Mobility and Housing' on 20th June 2020 	Great achievement. Should be widely circulated	

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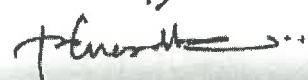
	<p>3. Conducted four guest lectures of prominent Industry and academics experts</p> <ul style="list-style-type: none"> ▪ 'Urban Renewal and Conservation case studies' on 20th May 2020 <i>by Mr. Sanjay Pathak</i>, former Commissioner of Planning, DDA. ▪ 'Roles and Responsibilities of Area Development Authority: sharing experience of KUDA' on 28th Oct 2020 by was <i>Mr. Shivraj Patil</i>, former Deputy Director of Town Planning and CEO, Kolhapur Urban Area Development Authority. ▪ 'Current Challenges in Real Estate and Infrastructure' on 29th Oct 2020 by <i>Mr. Sanjay Pathak</i>, former Commissioner of Planning, DDA. ▪ 'Financing of Urban Development Projects' on 4th November 2020. <i>Dr. Debdulal Thakur</i> of SIMs. <p>4. Celebrated World Town Planning Day on 9th Nov 2020 for all UG & PG planning students.</p> <p>5. Organized 'Faculty Development Program' on 'Research Approaches in Architecture and Urban Planning' from 14th to 18th Dec 2020 for academicians and research scholars.</p> <p>6. Conducted Conference, 'National Online Conference on Planning, Design and Management-NOCPDM 2021' on 26th and 27th Feb 2021 for students, academicians, research scholars and industry experts.</p> <p>7. Organized Workshop on 'Neighbourhood Planning' from 17th to 19th March 2021 for SY B. Planning students under PDS-III (studio/lab).</p> <p>8. Conducted PODCAST on 'All about Internship, first job and future career in Planning' 9th Nov 2020 for all UG & PG planning students.</p>	
Your observations regarding adaptability of Students for Online classes, Online lab. Courses and webinars	It was observed that the abrupt transition from offline to online mode with limited access to technology slowed down the teaching-learning experience in the beginning, but the online classes along with frequent webinars and online	Appears to have very successfully handled the toughest challenges ever faced in teaching





etc.	<p>guest lectures conducted by the faculties slowly helped students to develop the online learning adaptability and to improve self-efficacy.</p> <p>Also, social isolation initially hampered the learning experience but the active participation in online discussion/Q&A sessions helped students to develop their other oratory skills.</p> <p>All lectures were conducted online. Initially on MS Teams and later switched on to the Cisco WebEx, embedded through Moodle platform on which all course materials were made available to the students along with the recorded lectures which were accessible all the time.</p> <p>Also, the planning studios were conducted in online mode and the students were asked to study the areas/cities they were staying in. This was managed by re-scheduling the semester pattern and conducting all planning studios after the partial opening of the lockdown following Covid19 SOPs.</p> <p>This helped students to make the most out of the available opportunities at that time, although offline activities largely missed.</p>	
Activities having societal impact	<p>Some students have contributed significantly in mitigating the impact of Covid-19 on society.</p> <p>Ninad Deshpande: Volunteer for Jankalyan Samiti to screen patients for Covid symptoms in slums of Pune.</p> <p>Ninad Deshpande & Ashutosh Gaikwad: Prepared post covid action plan for Ahmednagar Municipal Corporation.</p> <p>Padmesh Kulkarni: Volunteer for data analysis in PCMC covid war room. Facilitated help for migrant workers from PCMC area with Jankalyan Samiti</p> <p>Ashutosh Salunke: Made a low-cost sensor-based sanitizer dispenser.</p> <p>Siddhi Raut and Gauri Mahajan: Made cloth masks at home as part of NSS activity and distributed them to the needy.</p>	Great achievement
Dept. connect with higher		Noted. Should vigorously pursue forging networks with




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national/international learning institutes, MoU's signed, faculty-students exchange, visiting sabbatical faculty etc.	NIL	industries and academia nationally as well as internationally
MoU's signed for the Department for self-benefit	NIL	
MoU's signed by the Department for external agency benefit	MoU signed with PCMC Smart City Mission	
J Reviewer's final comments on dept. strengths and scope for improvement and signature	<ul style="list-style-type: none"> • Syllabus updating both at UG and PG level should be made a routine exercise, at least triennially • Skills and knowledge set required in the field should be incorporated in the Syllabus • More electives should be offered by the Department as well as by Town Planning Section • Credit exchange protocol should be framed to facilitate students take electives from foreign and national institutes • Land economics, GIS, Legislations, Quantitative techniques, Environment, Transport, Housing should form the core of both PG and UG programmes • Alumni club should be formed (if not formed yet) and it should be encouraged in the placement drive • Faculty should be encouraged to attend Faculty Improvement Programme • Intense drive should be made to bag more Research and Consultancy Project from industry, State and Union Governments and International agencies 	


27/4/2022

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