



# Moradabad Institute of Technology, Moradabad

## Academic Audit (Form-1)

Academic Year: 2016-17

Semester: Even

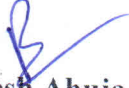
Department: CSE

Date of Audit: 14 Jan 2017


Head of Department: Mr. Vikas Kumar

Activity	Completed (YES/NO)	Remarks
Department Academic Calendar	YES	—
Subject Choices	YES	—
Elective offered	YES	—
Load Distribution	YES	—
Departmental Duties Distribution	YES	—
Timetable	YES	In Progress.
Course Files/ Lecture Plan	YES	—
Lab Manuals/ Lab Plan	YES	—
Mentors Allocation	YES	—
CO's	YES	—
CO-PO Mapping	YES	—
Technical Manpower allocation	YES	—
Lab OC's	YES	—
Class OC's	YES	—
Software/hardware specific requirement taken	YES	—

  
Anurag Malik  
Associate Professor

  
Rakesh Ahuja  
Associate Professor

  
Dr. Somesh Kumar  
Prof. & Head, CSE  
Moradabad Institute of Technology  
Moradabad-244001

  
14/1/17  
Vikas Kumar  
HOD  
Computer Sci. & Engg. Department  
Moradabad Institute of Technology  
Moradabad-244001





# Moradabad Institute of Technology, Moradabad

## Academic Audit (Form 2)

Academic Year: 2016-17

Semester: Even

Department: CSE

Date of Audit: 29-30 May 2017

Head of Department: Mr. Rakesh Ahuja

I.

Activity	Completed (YES/NO)	Remarks
Adherence of Lecture Plan / Lab Plan	YES	—
Result Analysis of Previous Semester	YES	—
CO Attainment of Previous Semester	YES	—
Course Exit Surveys	YES	—
PO Attainments	YES	—
Usage of ICT	YES	Further more usage of ICT is possible.

## II. Lectures and Lab taken

Sno.	Name of Faculty	Name of Theory/Practical Subject	Number of Lectures/Labs Conduction
<b>2<sup>nd</sup> Semester</b>			
1.	Abhinav Gupta	Computer system and programming in C	41
2.	Ravish Kumar Dubey	Computer System And Programming In C	40
3.	Abhinav Gupta	Computer programming lab	11
4.	Ravish Kumar Dubey	Computer programming lab	11
<b>4<sup>th</sup> Semester</b>			
5.	Shilpi Rani	Computer programming lab	10
6.	Himanshu Agarwal	Computer Graphics	37
7.	Prabal Bhatnagar	Computer Graphics	41
8.	Manoj Kumar Singh	Data Structure	40
9.	Vikas Kumar	Theory of Automata and	40

  
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		Formal Languages	
10.	Rakesh Ahuja	Operating system	40
11.	Amurag Pandey	Operating system	42
12.	Praveen Saini	Theory of Automata & Formal Languages	44
13.	Zubair Iqbal	Cyber Security	21
14.	Manoj Kumar Singh	Data Structure Lab	10
15.	Shiwani Agarwal	Functional and Logic Programming Lab	10
16.	Priyanka Goel	Functional and Logic Programming Lab	10
17.	Rakesh Ahuja	Operating system Lab	10
18.	Prachi Agarwal	Operating system lab	9
19.	Anurag Pandey	Operating system lab	10
20.	Neha Gupta	Operating System Lab	9
21.	Hari Shankar	Operating System Lab	10
22.	Himanshu Agarwal	Computer Graphics Lab	9
23.	Navita Agarwal	CBNST Lab	10
<b>6<sup>th</sup> Semester</b>			
24.	Anurag Malik	Data Warehousing & Data mining	40
25.	Shivanshu Rastogi	Data Warehousing & Data mining	40
26.	Ranjan Baghel	Computer Network	42
27.	Vikas Bhatnagar	Computer Network	44
28.	Shweta Agarwal	Parallel Algorithms	42
29.	Priyanka Goel	Parallel Algorithms	39
30.	Zubair Iqbal	Software Engineering	41
31.	Prachi Gupta	Software Engineering	40
32.	Mohammad Ilyas	Software Engineering	31
33.	Neha Gupta	Compiler Design	40
34.	Puneet Kumar	Compiler Design	40
35.	Mohammad Ilyas	Software Engineering lab	8
36.	Prachi Gupta	Software Engineering Lab	10



37.	Zubair Iqbal	Software Engg Lab	10
38.	Neha Gupta	Compiler Design Lab	10
39.	Puneet Kumar	Compiler Design Lab	10
40.	Vikas Bhatnagar	Computer Network Lab	14
41.	Ranjan Baghel	Computer Network Lab	12
<b>8<sup>th</sup> Semester</b>			
42.	Kanchan	Mobile computing	40
43.	Prachi Agarwal	Digital image processing	32
44.	Sanjeev Gupta	Data Compression	30
45.	Puneet Rai	Digital Image Processing	35
46.	Hari Shanker	Non Conventional Energy Resources	32
47.	Shiwani Agarwal	Real Time System	32
48.	Sunil Kumar	Semantic Web and Web Services	30

### III. Activities conducted for slow and fast learners

Sno.	Name of Faculty	Name of Subject	Activities conducted of slow learners	Activities conducted for fast learners
1.	Abhinav Gupta	Computer system and programming in C	Special focus in tutorial class via motivation and question answer discussion	Discussing question based on previous year gate paper
2.	Ravish Kumar Dubey	Computer System and Programming In C	special focus in tutorial class, give small topic for presentation, small problem given to slow learner	discussed previous year question paper of university and GATE, Advanced topics given to students for group discussion and presentation
3.	Himanshu Agarwal	Computer Graphics	Suggest to attend classes regularly, Give additional time to discuss the problems, Provide Notes, Provide old university papers, Give additional attention in the class	Suggest to study new Technologies, Help them to study placement papers

  
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4.	Manoj Kumar Singh	Manoj Kumar Singh	EXTRA QUESTION GIVEN (EASY LEVEL) FOR PRACTICE, EXTRA TIME FOR DOUBT REMOVAL	EXTRA QUESTION GIVEN (HARD LEVEL) FOR PRACTICE, EXTRA TIME FOR DOUBT REMOVAL
5.	Praveen Saini	Theory of Automata & Formal Languages	Discussion Hours Allotted, Extra Lectures	Previous Year GATE Questions
6.	Vikas Kumar	Theory of Automata and Formal Languages	Motivated them to solve questions from previous year papers	Motivated them to solve and discuss questions from different books and internet resources
7.	Neha Gupta	Compiler Design	Unit-wise important topics	GATE questions
8.	Puneet Kumar	Compiler Design		
9.	Vikas Bhatnagar	Computer Networks	practical examples, real world simulations, extra classes	advanced protocols, large network simulations, case studies
10.	Priyanka Goel	Parallel Algorithm	Numerical Questions practice on algorithms for better understanding	Presentations by them in class on certain topics
11.	Prachi Gupta	Software Engineering	Suggest to attend classes regularly, Give additional time to discuss the problems, Provide Notes, Provide old university papers, Give additional attention in the class	Presentations by them in class on certain topics
12.	Anurag Malik	Data warehousing and Data Mining	Questions Bank provide notes and previous year question papers	Suggest material for placement ,apptitude n reasoning
13.	Shivanshu Rastogi	Data Warehousing & Data mining	Questions Bank and previous year question papers	Motivated to chose the problems arose due to data generation to suggest effective solution in the form of research paper or project
14.	mohammad ilyas	software engineering	Assignment to solve basic questions on important topics	Question Bank
15.	Zubair Iqbal Dr. Gurnesh Kumar Prof. & Head, CSE	Software	extra classes	Presentations by them in class on

		Engineering		certain topics
16.	Sanjeev Gupta	Data Compression	solved practice questions were given	encouraged to read research paper related to image and video compression
17.	Prachi Agarwal	Digital image processing	Given Important Questions Unit wise	Given extra questions for practice
18.	Kanchan	mobile computing	take extra lecture	Discuss high level question and answer
19.	Sunil Kumar	Semantic Web and Web Services	Extra classes were taken	Discuss the latest research papers related to semantic web mining

#### IV. Training/value-added courses organized for the Students


Sno.	Topic	Duration	Number of participants
	None		

#### V. Guest Lectures Conducted for the Students

Sno.	Topic	Resource Person	Date
1.	Cyber Security	Mr. Sandeep Giyyan JJethani Director Operations, ATS Learning Solutions, New Delhi	03/02/2017
2.	Applications of Machine Learning in Imaging and Vision	Dr. R. Balasubramanian Associate Professor, Dept. of Computer Science and Engineering, IIT Roorkee	01/04/2017

#### VI. MOOCs/STTP/FDP/Workshops Attended by Faculty members

Sr. No.	Name of Faculty	FDP/STTP/Workshop / Conference	Organized by	Duration
1.	Mr. Vikas Kumar	All India Seminar on Recent Advances in Electronics Design, Technologies and Applications (EDTA-2K17)	MIT Moradabad	7 <sup>th</sup> – 8 <sup>th</sup> April 2017
2.	Mr. Vikas Kumar	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017

  
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3.	Mr. Anurag Malik	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
4.	Mr. Himanshu Agarwal	All India Seminar on Recent Advances in Electronics Design, Technologies and Applications (EDTA-2K17)	MIT Moradabad	7 <sup>th</sup> – 8 <sup>th</sup> April 2017
5.	Mr. Himanshu Agarwal	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
6.	Mr. Himanshu Agarwal	Faculty Development Program	TBI-KIET Ghaziabad	2 <sup>nd</sup> – 13 <sup>th</sup> Jan 2017
7.	Mr. Vikas Bhatnagar	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
8.	Mr. Puneet Rai	Medical Image Analysis	NPTEL (4 Weeks)	Feb – Mar 2017
9.	Mr. Puneet Rai	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
10.	Mr. Manoj Kr. Singh	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
11.	Ms. Richa Saxena	STC on Wireless Networks Through ICT	CSE Dept, NITTTR, Chandigarh, at MIT Moradabad	2 <sup>nd</sup> – 5 <sup>th</sup> May 2016
12.	Ms. Richa Saxena	STC on CISCO CCNA Exploration through ICT	CSE Dept, NITTTR, Chandigarh, at MIT Moradabad	23 <sup>rd</sup> – 27 <sup>th</sup> May 2016
13.	Ms. Kanchan	STC on “Strategic Planning and Management of technical Institutions Through ICT”	Entrepreneurship Development & Industrial Coordination Department, NITTTR, Chandigarh at MIT Moradabad	1 <sup>st</sup> - 5 <sup>th</sup> Aug 2016
14.	Mr. Mohd Ilyas	All India Seminar on Recent Advances in Electronics Design, Technologies and Applications (EDTA-2K17)	MIT Moradabad	7 <sup>th</sup> – 8 <sup>th</sup> April 2017

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15.	Ms. Neha Gupta	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
16.	Ms. Neha Gupta	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
17.	Mr. Shivanshu Rastogi	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
18.	Mr. Shivanshu Rastogi	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
19.	Mr. Shivanshu Rastogi	All India Seminar on Recent Advances in Electronics Design, Technologies and Applications (EDTA-2K17)	MIT Moradabad	7 <sup>th</sup> – 8 <sup>th</sup> April 2017
20.	Mr. Prabal Bhatnagar	Faculty Development Program	TBI-KIET Ghaziabad	2 <sup>nd</sup> – 13 <sup>th</sup> Jan 2017
21.	Mr. Prabal Bhatnagar	STC on “Strategic Planning and Management of technical Institutions Through ICT”	Entrepreneurship Development & Industrial Coordination Department	1 <sup>st</sup> - 5 <sup>th</sup> Aug 2016
22.	Mr. Prabal Bhatnagar	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
23.	Mr. Zubair Iqbal	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
24.	Ms. Shweta Agarwal	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
25.	Mr. Praveen Saini	FDP on MATLAB	IQRA Software Technologies Pvt. Ltd. Kanpur	22 <sup>nd</sup> – 26 <sup>th</sup> May 2017
26.	Ms. Shilpi Rani	STC on “Strategic Planning and Management of technical Institutions Through ICT”	Entrepreneurship Development & Industrial Coordination Department, NITTTR, Chandigarh at MIT Moradabad	1 <sup>st</sup> - 5 <sup>th</sup> Aug 2016
27.	Ms. Prachi Agarwal	All India Seminar on Recent Advances in Electronics Design, Technologies and	MIT Moradabad	7 <sup>th</sup> – 8 <sup>th</sup> April 2017

  
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		Applications (EDTA-2K17)		
28.	Mr. Abhinav Gupta	Faculty Development Program	TBI-KIET Ghaziabad	2 <sup>nd</sup> – 13 <sup>th</sup> Jan 2017
29.	Ms. Priyanka Goel	FDP on Research Methodology With SPSS	MIT College of Management, Moradabad	9 <sup>th</sup> – 10 <sup>th</sup> June 2017
30.	Ms. Shivani Agarwal	STC on “Strategic Planning and Management of technical Institutions Through ICT”	Entrepreneurship Development & Industrial Coordination Department, NITTTR, Chandigarh at MIT Moradabad	1 <sup>st</sup> - 5 <sup>th</sup> Aug 2016

#### VII. Research Paper Published

<b>International Journals</b>	4	<ol style="list-style-type: none"> <li>1. Manoj Kumar Singh, Himanshu Agarwal, Praveen Saini, “Performance Comparison of GNS3 and VYATTA Routers using NMAP”, MIT International Journal of Computer Science &amp; Information Technology, Vol.6, No.2, pp. 63-71, August 2016, ISSN 2230-7621.</li> <li>2. Shiva Kulshreshtha, Shubham Katta, Sarthak Gupta, Rishabh Singh, Anurag Malik, “Detection of Forged and Unsolicited Mails”, MIT International Journal of Computer Science &amp; Information Technology, Vol 6. No. 2, pp 83-87, August 2016, ISSN 2230-7621.</li> <li>3. Taruna Singh, Navita Agarwal, Pulkit Verma., “Mobile Tracking System”, MIT International Journal of Computer Science &amp; Information Technology, Vol. 6 No. 2 , pp. 53-55, August 2016, ISSN 2230 – 7621.</li> <li>4. Prachi Agarwal, Jasdeep Kaur, Khushboo Agarwal, “Image Encryption using Fusion Technique”, MIT International Journal of Computer Science &amp; Information Technology, Vol. 6 No. 2 , pp. 56-62 August 2016, ISSN 2230 – 7621.</li> </ol>
<b>National Journals</b>	Nil	None
<b>International Conferences</b>	04	<ol style="list-style-type: none"> <li>1. Shivanshu Rastogi, Puneet Rai, “Computer Aided Diagnosis Schemes for Brain Tumor Detection: A Survey”, SMART-2017; IEEE Sponsored 6th Sixth International Conference on System Modeling &amp; Advancement in Research Trends, December 2017</li> <li>2. Manish Gupta, Shambhu Shankar Bharti, Sunceta Agarwal, “Support Vector Machine Based Gender Identification Using Voiced Speech Frames”, International Conference on Parallel, Distributed and Grid Computing , PDGC 2016, JUIT Solan, India, IEEE , April 2017, ISBN: 978-1-5090-3669-1 .</li> <li>3. Shambhu Shankar Bharti, Manish Gupta, Sunceta Agarwal,</li> </ol>

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		<p>“Background Noise Identification System Based On Random Forest for Speech”, International Conference on Intelligent Computing and Applications , ICICA-2016 Pune, India ,IEEE, 20-22 Dec, 2016, ISBN 978-981-10-5520-1.</p> <p>4. Akshat Bhardwaj, Akshay Grover, Praveen Saini, Mayank Singh, “Contact Dynamics Emulation Using Leap Motion Controller”, Advances in Computing and Data Sciences, ICACDS 2016 , Springer Nature, Communications in Computer and information Science, 11- 12 November 2016, Vol. 721,978-981-10-5426-6 /1865-0929.</p>
<b>National Conferences</b>	<b>02</b>	<p>1. Anshika Gupta, Anurag Vats, Anshika Deval, Aayushi Deep, Mohd. Ilyas, “Drug Abuse Analysis Using Hadoop Framework”, Recent Advances in Electronics Design, Technologies and applications, April 2017, MIT Moradabad.</p> <p>2. Zubair Iqbal, Prince Dhanwan, Pulkit Wadhwa, Prashant Saxena, Priyank Verma, “Hindi Speech Recognition using CMUSPHINX”, recent advances in Electronics Design, Technologies and Applications (EDTA-2K17), Apr 2017.</p>

### VIII. Achievements of Students

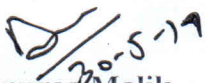
Sno.	Name of Student	Achievement
1.	Anjali Parmar	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
2.	Aditya Kumar	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
3.	Abhijeet Raghuvanshi	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
4.	Aastha Agarwal	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
5.	Jyoti Gupta	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
6.	Nikunj Krishna	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
7.	Shubham Chauhan	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
8.	Dhruv Bhatt	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
9.	Mudrika Mittal	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
10.	Ishika Agarwal	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
11.	Ayushi Deep	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
12.	Vanshika Rastogi	1 <sup>st</sup> Prize, Cultural Aktu Zonal Level
13.	Dhruv Bhatt	2 <sup>nd</sup> Prize, Cultural

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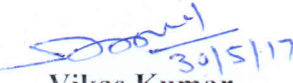


		Aktu State Level
14.	Shubham Chauhan	3 <sup>rd</sup> Prize, Cultural Aktu State Level
15.	Shaifali Goyal	3 <sup>rd</sup> Prize, Cultural Aktu State Level
16.	Mudrika Mittal	3 <sup>rd</sup> Prize, Cultural Aktu State Level
17.	Ishika Agarwal	3 <sup>rd</sup> Prize, Cultural Aktu State Level
18.	Ayushi Deep	3 <sup>rd</sup> Prize, Cultural Aktu State Level
19.	Vanshika Rastogi	3 <sup>rd</sup> Prize, Cultural Aktu State Level
20.	Nikunj Krishna	3 <sup>rd</sup> Prize, Cultural Thomso16
21.	MILAN VISHNOI	RACE, 3 <sup>rd</sup> Prize
22.	Mohd. Aqdu	RACE, 2 <sup>nd</sup> Prize
23.	Deepansh Saran	BASKET BALL, 2 <sup>nd</sup> Prize
24.	Milan Vishnoi	200M RACE, 3 <sup>rd</sup> Prize
25.	Mohammad Anas	BASKET BALL, 2 <sup>nd</sup> Prize
26.	Abhishek Khatri	RACE, 1 <sup>st</sup> Prize
27.	<b>Surya Pratap Singh</b>	Selected for finale in Smart India Hackathon Problem Sector/Ministry: Ministry of Ayush
28.	Shobhit Bhatnagar	
29.	Sarthak Goyal	
30.	Vaibhav Kumar	
31.	Deepak Gupta	
32.	Anam Noori	
33.	<b>Rajendar</b>	Selected for finale in Smart India Hackathon Problem Sector/Ministry: Ministry of Skill Development
34.	Ritvik Rastogi	
35.	Ritik Gupta	
36.	Devanshu Agarwal	
37.	Rachit Gahlot	
38.	Sparsh Saxena	

1. Trainings for student need to be conducted
2. More no. of guest lectures are required.

  
Anurag Malik  
Associate Professor

  
Dr. Somesh Kumar  
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Vikas Kumar  
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