

ACADEMIC AUDIT

(PARA – A)

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Civil Engineering Department

Madan Mohan Malaviya University of Technology Gorakhpur

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department :Civil Engineering
2. No. of Full Time Permanent Faculty : 16
3. No. of Guest/Contractual / NPIU/ TCR Faculty: 04
4. No. of Faculty with Ph.D. Qualification: 08
5. No. of Faculty with Ph.D. (persuing) :06
6. Name of UG Courses:B.Tech in Civil Engineering
7. Name of PG Courses :
 - a. Structural Engineering
 - b. Environmental Engineering
 - c. Hill Area Development Engineering
 - d. Earthquake Engineering and Seismic Design
8. Total No. of Students:UG: 598 PG: 138 Total (UG/PG): 4.33
9. No. of Ph.D. Students Regular: 10 Part-time:05
10. Curriculum Revisions Information:

Periodicity: Twice in a year in BOS

When was the last revision done: 12/04/2019

When is next revision proposed: Even Semester 2020

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing): 04
- b. No. of Sponsored Research Projects (Submitted) : Nil
- c. No. of Journal Papers Published by Department: SCI: Nil, SCI Mago:02, ASCE: 01, Others: 03: National journals: 02
- d. No. of Conference Papers Published by Department (National/International): 02
- e. No. of Books Published: 01
- f. No. of Book Chapters Published: 02
- g. No. of Patents: Nil Applied: Nil Granted : Nil
- h. Ph.D. Theses (Awarded) : Nil
- i. Total Number of Conferences/SeminarOrganized:01
National:01
International: Nil

12. Number of Invited Talks Organized: Nil

13. Number of FDP/Short Term Courses (6 days) Organized: Nil

14. Number of Workshops/ Symposium (less than 6 days) Organized: Nil

15. Details of other activities held: 01 Nos. of twinning activity between MMMUT and SVNIT Surat

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration Of Seminar / Conference/ Workshop Etc. In No. Of Days	Details Of Seminar / Conference / Workshop Attended	Did The University Provide Funds? YES Or NO
1	Prof. Govind Pandey	July 6-8, 2018	Malaviya Research Conclave- 2018	YES
2	Prof. Govind Pandey	National Conference On 'Recent Advances In Traffic Engineering 2018'	SVNIT Surat	YES

3	Prof. Govind Pandey	5 th International Green Health Conference And 12 th Asian Congress Of Oral And Maxillofacial Radiology	NEERI Nagpur	NO
4	Prof. Govind Pandey	TEQIP-LII Sponsored National Workshop On 'Recent Trends In Industry And Academia'	IET, Dr RMLAU Faizabad	NO
5	Prof. Govind Pandey	Workshop On 'Gorakhpur City: The Vision 2030- Challenges And Opportunities'	Hotel Vivek Gorakhpur	NO
6	Prof. Govind Pandey	Training Programme On 'Monitoring Of Notified Air Pollutants As Per Revised NAAQS-2009'	TERI Retreat, Gaul Pahari, Gurgaon	NO
7	Prof. Govind Pandey Dr Shri Ram	Malaviya Research Conclave- 2019	MMMUT Gorakhpur	YES
8	V.K. Singh	STC On Low Cost Housing Design And Practice	NITTTR Chandigarh	NO
9	V.K. Singh Dr. Sneha Gupta M.C. Maurya Shweta Yadav Vikas Kumar	Workshop On Cyber Security And Its Relevance In Digital India	MMMUT Gorakhpur	NO
10	V.K. Singh M.C. Maurya Vikas Kumar	STC On Research Methodology And Statics (STCRMS-2018)	MMMUT Gorakhpur	NO
11	V.K. Singh M.C. Maurya Vikas Kumar	Training Programme On Quality Control In Concrete Construction	IIT Kanpur	YES
12	V.K. Singh	STC On 'Finite Element Method And	IIT Roorkee	NO

	M.C. Maurya Dr Pradeep Muley	Computational Structural Dynamics		
13	V.K. Singh Vikas Kumar	Recent Advancement In Geotechnical Earthquake Engineeing	IIT Kanpur	YES
14	M.C. Maurya	Workshop On ' Modal Analysis Theory And Practice'	IIT Kanpur	NO
15	Dr V.B. Chauhan	Recent Advancement In Pile Foundation Design, Construction And Testing	IIT Bombay, Mumbai	YES
16	Rohit Kumar	STC On 'Mastering Advanced Techniques Of Characterization For High-End- Research'	IIT Kanpur	NO
17	Dr Pradeep Muley	Pre-Symposium Workshop On ' Seismic Soil-Structure Interaction For Tall Building, Bridge And Npps	IIT Roorkee	YES

17. Details of Recipients of Any Excellence Award? : Nil
(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority

18. No. of new courses (developed) : Nil

19. No. of industry visits undertaken for students of department: Nil

20. No. of new laboratory added: Nil Details: NA

21. No. of new equipment and infrastructure added:

- Water Resources Engineering Lab: 01
- Concrete Lab: 21

c. Structural Engineering Lab: 07

22. Details of activities undertaken for professional and personality development of students in the Department: Nil

23. Details of students of Department winning prizes Inside/Outside of the University: NIL

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won

24. Any Other Information Exhibiting Academic Strength of Department

Sl. No	Name of Faculty	Topic	Venue	Date
1.	Prof. Govind Pandey	Lecture on 'Beat Plastic Pollution'	MMMUT, Gorakhpur	June 05, 2018
2.	Prof. Govind Pandey	Keynote Speaker on 'Safe Disposal and Management of Plastic and Other Biodegradable and Medical Waste'	District Science Club, Gorakhpur under UPCST at M. S. I. Intermediate College, Gorakhpur	August 08, 2018
3.	Prof. Govind Pandey	Lecture on 'Effects of Petrol Driven Passenger Car Age and Mileage on Tailpipe Emission: The Environmental Health Perspective'	NEERI, Nagpur and Association of Oral and Maxillofacial Radiology, Mumbai	September 07, 2018
4.	Prof. Govind Pandey	Expert Lecture on 'Research Perspectives in Water Quality Management in India'	Applied Science Department, MMMUT, Gorakhpur	October 26, 2018
5.	Prof. Govind Pandey	Lecture on 'Eradicate Corruption – Build a New India'	N. E. Railway, Gorakhpur	October 29, 2018
6.	Prof. Govind Pandey	Talk on 'Recent Trends Relating to Water Quality Management in India'	IET, Dr. RML Awadh University, Faizabad.	October 30, 2018
7.	Prof. Govind Pandey	Lecture on 'Innovations and Society Education'	Regional Science and Technology Centre, VBS Planetarium, Gorakhpur	October 31, 2018
8.	Prof. Govind Pandey	Lecture on 'Water Supply and Wastewater Management in Gorakhpur City'	MahanagarParyavaranManch at Hotel Vivek, Gorakhpur.	December 22, 2018

9.	Prof. Govind Pandey	Lecture on 'Waste Disposal – Problem and Remedies'	Organized by IEI (India) Local Centreat BIT,GIDA, Gorakhpur.	January 31, 2019
10.	Prof. Govind Pandey	Special Lecture on 'Beat Air Pollution'	11th Battalion, National Disaster Response Force, Gorakhpur	June 05, 2019
11.	Mr. V. K. Singh	Structural Systems Development	L&T ECCin AIIMS Gorakhpur	November 21, 2018
12.	Mr. M. C. Maurya	Seismic Responsibility of Civil Engineers	Sri RMC Engineering and Management, Lucknow	April 12, 2019
13.	Dr. Pradeep Muley	16th Symposium on Earthquake Engineering (16 SEE)	IIT, Roorkee	December, 2018
14.	Dr. ShriRam	Special lecture on recent advances in Civil Engineering	REC, Azamgarh	August 30, 2018
15.	Dr. ShriRam	River Engineering and River Training	REC, Azamgarh	August 30, 2018
16.	Dr. ShriRam	Sediment Threshold	BIT GIDA, Gorakhpur	April 06, 2019



Name and Signature of Head of Department with date:

HCED

Computer Science & Engineering Department

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department: Computer Science & Engineering
2. No. of Full Time Permanent Faculty: 10
3. No. of Guest/Contractual / NPIU/ TCR Faculty: 07
4. No. of Faculty with Ph.D. Qualification: 05
5. No. of Faculty with Ph.D. (perusing): 05
6. Name of UG Courses: Computer Science & Engineering
7. Name of PG Courses: Computer Science & Engineering
8. Total No. of Students: UG 622 PG.....Total (UG/PG): 39
9. No. of Ph.D. Students: Regular: 13 Part-time: 14
10. Curriculum Revisions Information:

Periodicity: as per need

When was the last revision done? 2017-18

When is next revision proposed? 2020-21

Praveen

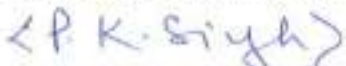
12.	MEENU	2	Cyber Security & its relevance in digital India	Yes
13.	MEENU	6	Technological Innovations in IoT for 5G Applications	Yes
14.	MEENU	3	Malaviya Research Conclave-2019	Yes
15.	Dr. Divakar Yadav	6	Technological Innovations in IoT for 5G Applications	Yes
16.	Dr. Divakar Yadav	3	Malaviya Research Conclave-2019	Yes
17.	Dr. Divakar Yadav	5	Latex and Its Application	Yes
18.	Prof. P.K. Singh	5	Latex and Its Application	Yes
19.	Prof. P.K. Singh	3	Malaviya Research Conclave-2018	Yes
20.	Prof. P.K. Singh	3	Malaviya Research Conclave-2019	Yes
21.	Prof. A.K. Daniel	3	Malaviya Research Conclave-2018	Yes
22.	Prof. A.K. Daniel	3	Malaviya Research Conclave-2019	Yes
23.	Prof. A.K. Sharma	5	Latex and Its Application	Yes
24.	Prof. A.K. Sharma	3	Malaviya Research Conclave-2018	Yes
25.	Prof. A.K. Sharma	3	Malaviya Research Conclave-2019	Yes
26.	Prof. Udai Shanker	5	Latex and Its Application	Yes
27.	Prof. Udai Shanker	3	Malaviya Research Conclave-2018	Yes
28.	Sushil Kumar Saroj	5	Latex and Its Application	Yes
29.	Sushil Kumar Saroj	3	Malaviya Research Conclave-2018	Yes
30.	Sushil Kumar Saroj	3	Malaviya Research Conclave-2019	Yes
31.	M. Hasan	5	Latex and Its Application	Yes
32.	M. Hasan	3	Malaviya Research Conclave-2018	Yes
33.	M. Hasan	3	Malaviya Research Conclave-2019	Yes



24. Any Other Information Exhibiting Academic Strength of Department: 01

- a. Successfully completed a MODROB project on "Modernization of Windows and Unix Lab". Grant received vide letter No. 9-40/RFID/MODROB/Policy-12016-17, dated September 08, 2017

Name and Signature of Head of Department with date:


PROF. & HEAD
Department of Computer Science & IT
M.A.M. University, Bangalore
08/09/2017

Electrical Engineering Department

Dated: 19/12/19

Department of Electrical Engineering

MMUT, Gorakhpur

Dean (UGS&E)

Please find filled Academic Audit Proforma (Part A)


Prof. A.K. Pandey 19/12/19
HEED
HEED.

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : **Electrical Engineering Department**
2. No. of Full Time Permanent Faculty : **12**
3. No. of Guest/Contractual Faculty: **05**
4. No. of Faculty with Ph.D. Qualification: **10**
5. No. of Faculty with Ph.D. (persuing) : **Nil**
6. Name of UG Courses : **B.Tech in Electrical Engineering**
7. Name of PG Courses : (i) **M.Tech in Power Electronics & Drives**
(ii) **M.Tech in Control & Instrumentation**
8. Total No. of Students: UG: **607** PG: **72** Total (UG/PG): **679**
9. No. of Ph.D. Students: Regular :**14** Part-time : **08** Sponsored: **01**
10. Curriculum Revisions Information:

Periodicity: **Twice in Year**

When was the last revision done? **31st July 2019**

When is next revision proposed? **Jan 2020**



11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing) :06
- b. No. of Sponsored Research Projects (Submitted) : Nil
- c. No. of Journal Papers Published by Department:
SCI: 07 SCI Magor: 02 Others:10
- d. No. of Conference Papers Published by Department
(National/International): 47
- e. No. of Books Published: Nil
- f. No. of Book Chapters Published: 05
- g. No. of Patents: NIL Applied NIL Granted
- h. Ph.D. Theses (Awarded): 01
- i. Total Number of Conferences/Seminar Organized:
National 02
International 01

12. Number of Invited Talks Organized: 18

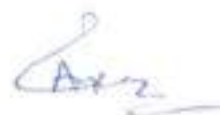
13. Number of FDP/Short Term Courses (6 days) Organized: 01

14. Number of Workshops/ Symposium (less than 6 days) Organized: 01

15. Details of other activities held:

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1	Dr. K.G.Upadhyay Dr. A.K.Pandey Dr. A.N. Tiwari Dr. S.K. Srivastav Sri. K.P. Singh Dr. Prabhakar Tiwari Dr. L.B.Prasad Dr. Awadhesh Kumar Lt. K.B. Sahay Dr. Navdeep Singh Dr. Shekhar Yadav	03	Malaviya Research Conclave (MRC -2018), July 6-8,2018 MMMUT Gorakhpur	Yes
2.	Dr. K.G.Upadhyay Dr. A.K.Pandey Dr. A.N. Tiwari Dr. S.K. Srivastav Sri. K.P. Singh	(3 Day)	Malaviya Research Conclave MRC -2019), February 24-26,2019, MMMUT Gorakhpur	Yes



	Dr. Prabhakar Tiwari Dr. L.B.Prasad Dr. Awadhesh Kumar Lt. K.B. Sahay Dr. Navdeep Singh Dr. Shekhar Yadav			
3.	Dr. Prabhakar Tiwari	(2 Day)	DST-UKIERI workshop on Design, Optimization and Data-Driven Applications of Smart Energy System, February 18-19, 2019, IIT Gandhinagar	Yes
4.	Dr. Prabhakar Tiwari	(2 Day)	International Conference on Automation and Computational Engineering (ICACE-2018), October 03-04, 2018 Amity Greater Noida	Yes
5.	Dr. Prabhakar Tiwari	(2 Day)	International Conference on Advances in Computing, Communication Control and Networking (ICACCCN) October 12-13, 2018 Galgotia College of Engineering and Technology, Greater Noida	Yes
6.	Dr. Awadhesh Kumar	(1 Week)	FDP on Selected Topics in Control System Theory-Fundamentals, Advances and Future Directions 09-13 August 2018 MNIT, Jaipur	Yes
7.	Dr. Prabhakar Tiwari	(1 Week)	STC on Research Methodologies and Statistics 24-30 Oct, 2018 MMMUT, Gorakhpur	Yes
8.	Dr. Shekhar Yadav	(2 Week)	Faculty Development Programme endorsed by AICTE/UGC/NBA on "Advanced Optimization Techniques AOT-2018 12-21 October 2018 MNIT, Jaipur	Yes
9.	Dr. K. G. Upadhyay	(2 Days)	Cyber Security and its Relevance in digital India 07-08, September 2018 MMMUT, Gorakhpur	Yes
10.	Lt. K.B. Sahay	(3 Days)	Session Chairperson in International Conference	No



			on Green Energy for Sustainable Development, 24 – 26 October 2018 at the Thavorn Palm Beach Resort, Karon, Phuket, Thailand.	
11.	LT. K.B. Sahay	2 Months	Worked as Summer Faculty Research Fellow-2019 from 13/5/2019 to 12/07/2019 in Department of Electrical Engineering, IIT Delhi.	Yes
12	Dr. Shekhar Yadav	(3 Days)	International Conference on Advances in Electronics, Electrical & Computational Intelligence (iCAEEC-2019) 31st May 2019 -1st June 2019 Indian Institute of Information Technology Allahabad, India	Yes

17. Details of Recipients of Any Excellence Award? :

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority
1	Prof. K. G. Upadhyay	MOTA-2018	To encourage teachers in field of Teaching & Research.	V.C. MMMUT, Gorakhpur
2	Dr. S. K. Srivastava	Appreciation Award-2018	For completing 30 years service in teaching & research.	V.C. MMMUT, Gorakhpur
3	Lt. K. B. Sahay	Excellence in Teaching, July 2018	Publishing more than 50 international research papers & writing 03 international books.	ITM University, Gwalior

18. No. of new courses (developed) : **NIL**

19. No. of industry visits undertaken for students of department: **01**

20. No. of new laboratory added: **NIL**. Details:.....



21. No. of new equipment and infrastructure added: **18 Equipments** purchased in four Labs (*Measurement Lab, M/C Lab, Power System Lab, Computer Lab and Control System Lab*).

22. Details of activities undertaken for professional and personality development of students in the Department:

- (i) Electrical Engineering Legation (EEL) is organized every year.
- (ii) Organized Seminar for 2nd and 3rd year B. Tech students on "MATLAB/Industrial Automation/Artificial Intelligence: An Introduction" at Subrahmanyam Chandrasekhar Hall, Electrical Engineering Department MMMUT Gorakhpur, April 09, 2019.

23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won
1	Siddhant Chaturvedi	4*100 m Relay Race	AAVAHAN-19, Dr. Ram Manohar Lohia National Law University, Lucknow	2 nd Place (Silver)
2	Siddhant Chaturvedi	100 m Race	AAVAHAN-19, Dr. Ram Manohar Lohia National Law University, Lucknow	3 rd Place (Bronze)
3	Aishvarya Narain	Doubles Badminton	SMASH-19, MMMUT, Gorakhpur	1 st Prize (Gold)
4	Aishvarya Narain	Short Movie Competition	RoboMania-19, MMMUT, Gorakhpur	1 st Prize

24. Any Other Information Exhibiting Academic Strength of Department



Name and Signature of Head of Department with date:

Electronics & Communication Engg. Department

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : **Electronics & Communication Engineering**
2. No. of Full Time Permanent Faculty : **12**
3. No. of Guest/Contractual / NPIU/TCR Faculty: **09**
4. No. of Faculty with Ph.D. Qualification: **11 (09 (R) + 02 (NPIU))**
5. No. of Faculty with Ph.D. (pursuing) : **06**
6. Name of UG Courses :
Bachelor of Technology (Electronics and Communication Engineering)
7. Name of PG Courses :
Master of Technology: Digital Systems.
Master of Technology: Communication Engg.
8. Total No. of Students: **UG 590 PG...71...Total (UG/PG) : ...661**
9. No. of Ph.D. Students: **Regular:...11....Part-time:12.....**
10. Curriculum Revisions Information:

Periodicity:

When was the last revision done? : **27 July, 2014**

When is next revision proposed? : **Next BOS meeting.**

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing) : **10**
- b. No. of Sponsored Research Projects (Submitted) : **01**
- c. No. of Journal Papers Published by Department: **SCI/SCI Mago 15 Others 16**
- d. No. of Conference Papers Published by Department (National/International) : **96**
- e. No. of Books Published: **NA**
- f. No. of Book Chapters Published: **01**
- g. No. of Patents: **01** Applied **01**(Prof. RK Chauhan) Granted **01**(Dr. Brijesh Kumar)
- h. Ph.D. Theses (Awarded) : **01**
- i. Total Number of Conferences/Seminar Organized:
National: **01**
International: **01**

12. Number of Invited Talks Organized: **05**

13. Number of FDP/Short Term Courses (6 days) Organized: **01**

14. Number of Workshops/ Symposium (less than 6 days) Organized: **01**

15. Details of other activities held:

- a. Approval given by Hon*ble Vice Chancellor to visit NIT Surat regarding modernization of departmental laboratories, Research and development, Project and Consultancies.
- b. Received the **Outstanding Contribution Award 2018** from **IEEE Uttar Pradesh Section (Region-10)**, on **January 19, 2019** at **IIT Kanpur** for grand success of **5th IEEE Uttar Pradesh Section Int. Conf. on Electrical, Electronics and Computer Engineering (UPCON-2018)**, Gorakhpur (UP), Nov. 2-4, 2018.
- c. Received the **Best IEEE Student Branch Award 2018** as **Faculty Counsellor** from **IEEE Uttar Pradesh Section (Region-10)** on **January 19, 2019** at **IIT Kanpur** for large number of activities organized during the year 2018.
- d. Prof. S. K. Soni attended Workshop on **"Good Governance"** organised by NPIU at Lucknow on dated 01.02.2019
- e. Prof. S. K. Soni attended one-day Workshop on **"NBA Accreditation: from Output to Outcome"** organised by NPIU at Lucknow on dated 12.04.2019.

- f. Prof. S. K. Soni, Prof. R. K. Chauhan, Major G. S. Tripathi, Dr. Brijesh Kumar, Dr. Manish Kumar and Dr. Brijesh Mishra have invited as Session Chair in RTDC²-2019, April 15-16 2019.

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1.	Dr. Rajan Mishra	03	UPCON-2018	YES
2.	Dr. Brijesh Kumar	03	UPCON-2018	YES
3.	Ms. Ankita Pandey	03	UPCON-2018	YES
4.	Ms. Jyotsana Singh	03	UPCON-2018	YES
5.	Ms. Neha Pandey	03	UPCON-2018	YES
6.	Ms. Suboori Najam	03	UPCON-2018	YES
7.	Ms. Chadani Dubey	03	UPCON-2018	YES
8.	Mr. Sunil Kr.Gupta	03	UPCON-2018	YES

9.	Ms. Anjali Gupta	03	UPCON-2018	YES
10.	Ms. Prachi Singh	03	UPCON-2018	YES
11.	Mr. Arpit Singh Yadav	03	UPCON-2018	YES
12.	Mr. Abhya Tiwari	03	UPCON-2018	YES
13.	Mr. Vivek Kumar Singh	03	UPCON-2018	YES
14.	Ms. Apama Singh	03	UPCON-2018	YES
15.	Ms. Ankita Sharma	04	SEEC-2018	YES
16.	Mr. Anupam Lal	03	ICCT-2019	YES
17.	Ms. Nivedita Srivastava	03	ICCT-2019	YES
18.	Mr. Ashish Ranjan Yadav	03	ICCT-2019	YES
19.	Mr. Ravishankar Yadav	03	ICCT-2019	YES
20.	Mr. Ankit Kumar	03	ICCT-2019	YES
21.	Km. Akansh Yadav	03	ICCT-2019	YES
22.	Mr. Naveen Singh	03	ICCT-2019	YES
23.	Mr. Vikash Chandra Sharma	03	ICCT-2019	YES
24.	Mr. Chandra Kant Jatav	03	ICCT-2019	YES
25.	Mr. Sandeep Kumar	03	ICCT-2019	YES

26.	Mr. Sanjay Kumar Gupta	03	ICCT-2019	YES
27.	Km. Priyanka	03	ICCT-2019	YES
28.	Mr. Manish Kumar Yadav	03	ICCT-2019	YES
29.	Mr. Praveen Kumar Rao	03	ICCT-2019	YES
30.	Mr. Narendra Kumar Yadava	03	UPCON-2018	YES
31.	Mrs. Shagun Pal	03	UPCON-2018	YES
32.	Mr. Narendra Kumar Yadava	02	ICICC-2019	NO
33.	Mr. Mangal Deep Gupta	02	ICICC-2019	NO
34.	Mrs. Shagun Pal	03	VDAT-2019	NO

17. Details of Recipients of Any Excellence Award?: **NA**

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority

18. No. of new courses (developed):**NILL**.....

19. No. of industry visits undertaken for students of department: **NILL**

20. No. of new laboratory added: ...**NILL**.. Details: ...**NILL**.....

21. No. of new equipment and infrastructure added: ...**YES**...

22. Details of activities undertaken for professional and personality development of students in the Department:.....

S. No.	Name of Programme	Department/University	Date
1	"Drishyaa" organized by SEB Faculty coordinator Dr. Manish Kumar (Faculty coordinator of SEB) for the first year B.tech students	University level	Aug 31, 2018
2	"Dhishan" organized by SEB Faculty coordinator Dr. Manish Kumar (Faculty coordinator of SEB)	University level	Oct 24-26, 2018

3	One day workshop on "Utilization of the intellectual properties of the start-ups and placement" Faculty coordinator Dr. Manish Kumar (Faculty coordinator of University Innovation Cell)	University level	Oct 6, 2018
4	"Spectra" organized by University Innovation Cell Faculty coordinator Dr. Manish Kumar (Faculty coordinator of University Innovation Cell)	University level	Oct 27-29, 2018
5	Inception(Paper Presentation) organized Electronics and Communication Engineering Student Society	Department level	Oct 28, 2018
6	Soft Skill and Communication Skill program for all Second Year	University	Jan. 2-8, 2019
7	Poster Presentation of the Final Year Project in RTDC2-2019	Electronics & Communication Department	RTDC2-2019, April 15 th -16 th , 2019, MMMUT Gorakhpur[UP]

23. Details of students of Department winning prizes Inside/Outside of the University: NA

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won

24. Any Other Information Exhibiting Academic Strength of Department.


 23.12.2019
 Name and Signature of Head of Department with date:
 Professor A. Jena
 Dept. of Electronics & Comm. Engg.
 M.M.M. University of Technology
 GORAKHPUR

Mechanical Engineering Department

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department: **Mechanical Engineering**
2. No. of Full Time Permanent Faculty : **13**
3. No. of Guest/Contractual / NPIU/ TCR Faculty: **1+6**
4. No. of Faculty with Ph.D. Qualification: **9**
5. No. of Faculty with Ph.D. (pursuing): **7**
6. Name of UG Courses: **1**
7. Name of PG Courses: **2**
8. Total No. of Students: UG **608** PG **79** Total (UG/PG): **687**
9. No. of Ph.D. Students: Regular - **17** Part-time **6**
10. Curriculum Revisions Information:

Periodicity: twice in a year in BOS

When was the last revision done: 02-08-2019

When is next revision proposed: Even Semester 2020


HMEU

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing): **06**
- b. No. of Sponsored Research Projects (Submitted): **03**
- c. No. of Journal Papers Published by Department: SCI...15 SCI Mago 14
Others 06
- d. No. of Conference Papers Published by Department
(National/International): **62**
- e. No. of Books Published:
- f. No. of Book Chapters Published: **04**
- g. No. of Patents: 01 Applied Granted : NIL
- h. Ph.D. Theses (Awarded): **01**
- i. Total Number of Conferences/Seminar Organized:
National 01
International: NIL

12. Number of Invited Talks Organized: **15**

13. Number of FDP/Short Term Courses (6 days) Organized: **01**

14. Number of Workshops/ Symposium (less than 6 days) Organized: **01**

15. Details of other activities held: 02 nos. of Twinning activities between MMMUT-SVNIT Surat

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1	Mr. Prashant Saini	Oct. 29-Nov. 3, 2018	STC on Efficient Energy Conversion in Harmony with environment MED. IIT (BHU), Varanasi	YES


HMED

2	Mr. Prashant Saini	December 17-23, 2018	"STC on Advancements in Mechanical Engineering" MMMUT Gorakhpur	YES
3	Dr. Jeeoot Singh	Dec 5-6, 2018	ICAPPM 2018 Hyderabad	YES
4	Mr. Devesh Kumar	Dec. 17-23, 2018	STTP on "Advancements in Mechanical Engineering" MMMUT Gorakhpur	YES
5	Prof. S. C. Jayswal	April 1-3, 2019	Digital Pedagogies AICTE, New Delhi	YES
6	Mr. Dheerendra Singh	March 1-5, 2019	Conference on Emerging Trends in Thermal Engineering MNNIT Allahabad	YES
7	Dr. R.K.Verma	4-8 April, 2019	Polymer nanocomposites IIT Kanpur	YES
8	Mr. Prashant Saini Mr. R. B. Prasad Mr. S. K. Yadav Mr. Devesh Kumar	March 11-15, 2019.	LaTeX and Its Application MMMUT Gorakhpur	YES
9	Mr. S. K. Yadav	Oct. 12-16, 2018	Advances in Materials and Manufacturing MNNIT Allahabad	YES
10	Mr. Dheerendra Singh	Dec. 17-23, 2018	STTP on "Advancements in Mechanical Engineering" MMMUT Gorakhpur	YES
11	Dr. Sanjay Mishra	March 11-15, 2019	LaTeX and Its Application MMMUT Gorakhpur	YES

12.	Prof. S. C. Jayswal	August 29,2019	Workshop on Academic Plan: Enhancing Skill & Placement	YES
13	PROF.D.K.SINGH	September 25,2019	IEEE Region 10 International Workshop on panel of Conference	YES
14	Prof. S. C. Jayswal	September 25,2019	IEEE Region 10 International Workshop on panel of Conference	YES
15	Dr.Sanjay Mishra	September 25,2019	IEEE Region 10 International Workshop on panel of Conference	YES
16	PROF.D.K.SINGH	October 11 2019	Workshop on Skills for Industry 4.0	YES
17	Dr. Swati Gangwar	September 25,2019	IEEE Region 10 International Workshop on panel of Conference	YES
18	Team of 11 students of B.Tech.II yr	October 9-13,2018	SAE Efficycle 2018 at LPU Jalandhar	YES

17. Details of Recipients of Any Excellence Award?

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority
1	Prof.D.K.Singh	Malaviya Outstanding Teacher Award 2019 on 5th September 2019	Best faculty in university	MMMUT

18. No. of new courses (developed): 01

19. No. of industry visits undertaken for students of department: 02

20. No. of new laboratory added: 1 Details: Computational lab established in the department

21. No. of new equipment and infrastructure added: 04 under TEQIP-3

22. Details of activities undertaken for professional and personality development of students in the Department: 02

23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won
1	Mechanical engineering students' team of 25 members	National level event "SAE-BAJA 2019", and secured AIR 36 and	7-11 March 2019 at IIT, Ropar	1 st rank in Uttar Pradesh.
2	Mechanical engineering students' team of 15 members	National level event "SAE-Ecokart 2019",	5-9 April 2019 at Gautam Buddha University, Greater Noida	Secured AIR 6
3	Avinash Kumar	UPPCB Lucknow	02-10-2018	2 nd Rank with 15000/- cash prize

24. Any Other Information Exhibiting Academic Strength of Department

Sl. No.	Name of Teacher	Leadership Training	Fund Issuing authority
1	Prof.D.K.Singh	"Leadership of Academician Program" IISER KOLKATA during Feb. 11-22, 2019	MHRD
2	Prof.D.K.Singh	Leadership of Improving higher Education in India Harvard Graduate School, USA during March 6-10, 2019	MHRD

D.K.Singh
05/11/2019
D.K. SINGH
PROF & HEAD
05-11-2019

HMED

Chemical Engineering Department

Madan Mohan Malaviya University of Technology Gorakhpur

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department: Chemical Engineering
2. No. of Full Time Permanent Faculty: Four
3. No. of Guest Faculty: Two (One faculty resigned)
4. No. of Faculty with Ph.D. Qualification: Four
5. No. of Faculty with Ph.D. (pursuing): None
6. Name of UG Courses: B. Tech in Chemical Engineering
7. Name of PG Courses: NA
8. Total No. of Students: UG 296 PG- NA Total (UG/PG): 296
9. No. of Ph.D. Students: Regular: 04 Part-time: ...NA
10. Curriculum Revisions Information:

Periodicity:	Once in Semester
When was the last revision done? :	15/07/2019
When is next revision proposed? :	20/01/2020
11. Research Output (Session 2018-19)

a. No. of Sponsored Research Projects (Sanctioned/Ongoing):	04
b. No. of Sponsored Research Projects (Submitted):	02
c. No. of Journal Papers Published by Department:	07 (SCI)
d. No. of Conference Papers Published by Department (National/International):	06
e. No. of Books Published:	NA
f. No. of Book Chapters Published:	04
g. No. of Patents:Applied Granted	



- h. Ph.D. Theses (Awarded): NA
- i. Total Number of Conferences/Seminar Organized:
- National: 03
- International:.....
12. Number of Invited Talks Organized: 08
13. Number of FDP/Short Term Courses (6 days) Organized: 02
14. Number of Workshops/ Symposium (less than 6 days) Organized: 02
15. Details of other activities held:

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1	Dr. V. L. Gole	One Week Feb. 19-23, 2019	TEQIP Course on fundamentals and characterization of solar cells	Yes
2	Dr. V. L. Gole Dr. Ravi Shankar	One week July 2-6 2018	Mathematical modelling and numerical simulation of various engineering problems in transport phenomena	Yes
3	Dr. Ravi Shankar Dr. Prateek Khare	One week Oct 29-Nov. 2 2018	Membrane separations for the desalination of water; materials, processes, applications and transport theory	Yes
4	Dr. Prateek Khare	One week June 2-6 2018	Advances in pipeline transportation of crude oils	Yes
5	Dr. Jyoti	One Week Mar 12-16, 2019	New trends in Wastewater treatment and its reuse	Yes
6	Dr. Jyoti	One week Oct 24-30 2018	Research methodology and statistics (STCRMS) 2018	Yes
7	Dr. Jyoti	Four days Nov. 19-22 2018	AICTE-UKIERI Technical leadership programme Workshop-I	No
Students participation				
1	Mr. Maharishi Yadav Mr. Ratnesh Patel	One Week Mar 12-16, 2019	New trends in Wastewater treatment and its reuse	Yes

17. Details of Recipients of Any Excellence Award?:

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of teacher	Name of Award	Purpose of award	Issuing authority
1	Dr. Prateek Khare	Recognition of research work on Vigyanprasar web	This is one of the pioneer developments for water purification using black soot.	Govt of India and Hindustan

X

	portal of Government of India	it will have greater impact for development lost technology for water treatment and purification	times
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18. No. of new courses (developed) :

19. No. of industry visits undertaken for students of department: ...Three.....

20. No. of new laboratory added: ...Two.. Details: ...HT and PDC.....

21. No. of new equipment and infrastructure added: 12.....

22. Details of activities undertaken for professional and personality development of students in the Department:

Industrial visits and Expert lecture series on Individual capacity building was organized for B.Tech third year students from 29/10/2018 to 02/11/2018.

23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Award	Purpose of award	Issuing authority
1	Ms. Anju Tiwari	Global Link Fellowship	Summer Research Internship at Canada	Mitacs Canada
2	Ms. Anju Tiwari	Summer Research Fellowship	Summer Research Internship	National Academy of Sciences
3	Mr. Maharishi Yadav	Best Poster Award	Malaviya Research Conclave	MMMUT, Gorakhpur
4	Mr. Rishabh Tiwari	Youth Forum Invitation	Youth Forum	United Nation Economic and Social Council
5	Mr. Anuj Kumar Mishra	KIT-SIIC	Summer Research Internship	IIT Kanpur
6	Ms. Anju Tiwari	Malaviya Excellence Student Award	Excellence in academics and co-curricular activities	MMMUT Gorakhpur
7	Mr. Anurag Srivastava			

24. Any Other Information Exhibiting Academic Strength of Department

- o 18 students of Second Year B. Tech. Chemical Engineering shortlisted for 'Summer Research Internship Program' at SV National Institute of Technology, Surat. This program is part of TEQIP-III twinning activity between Mentor and Mentee Institutes. Duration of program will be from 15/05/2019 to

12/07/2019. Research projects will be jointly supervised by faculty members of two Institutes.

- Summer Research Internship Program for second year B. Tech. Chemical Engineering will be organized from 15/05/2019 to 14/07/2019
- Dr. (Ms) Mausumi Mukhopadhyay, Professor and Head, Chemical Engineering and Dr. Arun Kumar Jana, Associate Professor in Chemical Engineering of Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat were visited to Department from 28/03/2019 to 30/03/2019 enhanced twining activity between two institutes.
- Dr. Vitthal L. Gole visited S V National Institute of Technology, Surat as part of TEQIP-III twining program from 14/12/2018 to 19/12/2018.
- Dr. Goutam Deo, Professor in Chemical Engineering visited to Department on 18/12/2018 to 19/12/2018 as part of academic audit.


(Dr. Vitthal L. Gole)

Name and Signature of Head of Department with date:

Physics & Material Science Department

भौतिकी एवं पदार्थ विज्ञान विभाग
मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय
गोरखपुर।

पत्रांक/मा०प्रौ०वि०/भौ०प०वि०वि०/132/2019

दिनांक: 05, नवम्बर, 2019

अधिष्ठाता स्नातक अध्ययन एवं उद्यमिता

आपके पत्रांक/मा०प्रौ०वि०/अधि०यू०जी०एस०एण्डई०/224/2019 दिनांक: 31.10.2019 के संदर्भ में इस विभाग का आडिट रिपोर्ट पूर्ण रूप से भरे हुए नया प्रारूप की हार्ड तथा साफ्ट, कापी आपको आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।


05.11.2019
विभागाध्यक्ष

H.P.M.S.D.

Madan Mohan Malaviya University of Technology Gorakhpur

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : **Physics and Material Science**
2. No. of Full Time Permanent Faculty : **04**
3. No. of Guest/Contractual / NPII/ TCR Faculty : **6+ 7 RCTF**
4. No. of Faculty with Ph.D. Qualification: **All (10)**
5. No. of Faculty with Ph.D. (persuing) : **None**
6. Name of UG Courses : **Nil**
7. Name of PG Courses : **One**
8. Total No. of Students: UG ... Nil PG ... 46 Total (UG/PG) : **46...**
9. No. of Ph.D. Students: Regular ... **07** ... Part-time : ... **04**
10. Curriculum Revisions Information:

Periodicity: **As and When required**

When was the last revision done? **Last Year**

When is next revision proposed? **As per recommendation of Experts**

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing) : ...**One**
- b. No. of Sponsored Research Projects (Submitted) :**04**.....
- c. No. of Journal Papers Published by Department: SCI...**15**...SCI
Mago...**07**...Others...**04**
- d. No. of Conference Papers Published by Department
(National/International) :**68/12**.....
- e. No. of Books Published:**04**
- f. No. of Book Chapters Published: **Nil**
- g. No. of Patents: ...**Nil**...Applied **Nil**, Granted..**Nil**
- h. Ph.D. Theses(Awarded) : ...**01**.....
- i. Total Number of Conferences/Seminar Organized:
- National ...**03**.....
- International...**Nil**.....

12. Number of Invited Talks Organized: ...**01**....13. Number of FDP/Short Term Courses (6 days) Organized: ...**01**..14. Number of Workshops/ Symposium (less than 6 days) Organized:**Nil**15. Details of other activities held:**Set up 03 Labs for M.Sc. Program**..

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1.	Prof. D. K. Dwivedi	(April 13-15, 2018).	XXII Conference of International Academy of Physical Sciences, on 'Emerging Trends in Physical Sciences' held at R.M.L. Awadh University, Faizabad	Yes
2.	Prof. D. K. Dwivedi	(April 12-13, 2018).	National Conference on "Recent Advances in Pure and Applied Mathematics" RAPAM-	Yes

			2018, M.M.M. University of Technology, Gorakhpur.	
3.	Prof. D. K. Dwivedi	(Nov 2-4, 2018).	5 th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), Jointly organised by M.M.M. University of Technology, Gorakhpur (U.P.) and University of Ryukyus, Okinawa, Japan	Yes
4.	Prof. D. K. Dwivedi	(14-15 Dec 2018).	International Conference on Advanced Materials, Energy and Environmental Sustainability (ICAMEES-2018), organized by Department of Chemistry and Physics, University of Petroleum and Energy Studies, Dehradun, Uttarakhand	Yes
5.	Prof. D. K. Dwivedi	(December 7- 8, 2018).	National Symposium on Advanced Materials Science (NSAMS-2018), organized by Department of Physics, DDU Gorakhpur University Gorakhpur (U.P.)	Yes
6.	Prof. D. K. Dwivedi	(February 14-16, 2019).	International Conference on Photonics Metamaterials and Plasmonics (PMP-2019), organized by PMSE Department, IIIT Noida	Yes
7.	Prof. D. K. Dwivedi	(March 15-16, 2019).	National Conference on "Smart Materials, Devices and Sustainable Technologies" SMDST-2019, M.M.M. University of Technology, Gorakhpur	Yes
8.	Prof. D. K. Dwivedi	(April 15-16, 2019).	National Conference on "Recent Trends in Devices, Circuits and Communication" RTDC2-2019, M.M.M. University of Technology, Gorakhpur	Yes
9.	Dr. B. K. Pandey	23 rd -24 th Feb, 2018.,	2 nd International conference on challenges and Opportunities for Technological Innovation in India (COTII-2018) at Ambalika Institute of Management & Technology, Lucknow	Yes
10.	Dr. B. K. Pandey	April 13-15, 2018	22 nd International Conference of International Academy of Physical Sciences (CONIAPS XXII) on Emerging Trends in	Yes

			Physical Sciences, organized by faculty of science Dr. Ram Manohar Lohia Avadh University, Faizabad.	
11.	Dr. B. K. Pandey	6-8 July 2018	Malviya Research Conclave 2018 at M.M.M. University of Technology Gorakhpur.	Yes
12.	Dr. B. K. Pandey	2 nd -4 th Nov. 2018.	UPCON-18, IEEE International conference at M.M.M. University of Technology Gorakhpur	Yes
13.	Dr. B. K. Pandey	Feb. 7-9, 2019	International Conference on Advances in basic Sciences (ICABS19), Organized by GDC Memorial College, Bahal, Bhiwani, Haryana, India.	Yes
14.	Dr. S. P. Singh	6-7 March 2019	International Conference on Advanced Materials (ICAM-2019), Jamia Millia Islamia, New Delhi, India	Yes
15.	Dr. S. P. Singh	9-14 Dec. 2018	3 rd International Conference on Soft Matter, MNIT, Jaipur, India.	Yes
16.	Dr. S. P. Singh	24-26 February 2019.	MRC "Malaviya Research Conclave-2019" organized at M.M.M. University of Technology, Gorakhpur	Yes
17.	Dr. A. K. Gupta	March 29-30, 2019	National Conference on Recent Advances in Chemical Science (NCRACS-2019) organized by Department of Applied science M.M.M. University of Technology, Gorakhpur held	Yes
18.	Dr. A. K. Gupta	06-08 July 2018	Malaviya Research Conclave-2018" organized at M.M.M. University of Technology, Gorakhpur	Yes
19.	Dr. A. K. Gupta	12 th & 13 th April 2018	National conference on Recent Advances in Pure and Applied Mathematics (RAPAM-2018), Dept. of Applied Science M.M.M. University of Technology, Gorakhpur.	Yes
20.	Dr. A. K. Gupta	December 7-8, 2018	National Symposium on Advanced Materials (NSAM-2018), organised by DDUGU, Gorakhpur between December 7-	Yes

			8, 2018	
21.	Prof. D. K. Dwivedi	Oct, 24 to Oct. 30, 2018 (One Week).	Short Term Course on " Research Methodology and Statistics (STCRMS- 2018)" organized by Department of Applied Science, M M M U T, Gorakhpur	Yes
22.	Prof. D. K. Dwivedi	Nov 19 to Nov 22, 2018.	workshop on "Academic Leadership and Management" Jointly organised by British Council, Dudley Institute of Technology U.K. and AICTE New Delhi, India under UKIERI-III Program	Yes
23.	Dr. B. K. Pandey	11-16 September, 2018	A TEQIP Sponsored Short Term Course of one week on "Emerging Trends in Smart Grid and Optimization Techniques-2018" at M.M.M. University of Technology, Gorakhpur.	Yes
24.	Dr. B. K. Pandey	24-30 October 2018	A TEQIP Sponsored Short Term Course of one week on "Research Methodology & Statistics" at M.M.M. University of Technology, Gorakhpur.	Yes
25.	Dr. B. K. Pandey	17-23 December 2018	A TEQIP Sponsored Short Term Course of one week on "Advancement in Mechanical Engineering, at M.M.M. University of Technology, Gorakhpur.	Yes
26.	Dr. A. K. Gupta	March 11- 15, 2019	One-week national workshop on "LaTeX and Its Applications", held at MMMUT	Yes
27.	Dr. A. K. Gupta	24-30 October 2018	Attended one-week short term course on "Research Methodology and Statistics in MMMUT.	Yes

17. Details of Recipients of Any Excellence Award? : NA

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority
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18. No. of new courses (developed) : Revised Syllabus for M.Sc. 1st year

19. No. of industry visits undertaken for students of department: ...Nil

20. No. of new laboratory added: 2..... Details: 1. Spectroscopy and Laser Lab...2. Condensed Matter Physics Lab.....

21. No. of new equipment and infrastructure added: More than 10

22. Details of activities undertaken for professional and personality development of students in the Department: Scientific and Literary Activities by M.Sc. Final Year during 2-5 Sept. 2019


23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won
1.	1. Ankita Arya 2. Avijeet Rai 3. Ankita Pandey	CHANDRAYAAN-2	PMSD, MMMUT Gorakhpur	First
2.	1. Khushi Singh 2. Shivani Bhardwaj	Optical Fiber	PMSD, MMMUT Gorakhpur	Second

	3. Snehlata Yadav			
3.	Ayushi Chaturvedi Aishwarya Srivastva Aman Alexander	Mission Mangal	PMSD, MMMUT Gorakhpur	Third
4.	Shivendra Pratap Ray Aman Aleander	Science Quiz	PMSD, MMMUT Gorakhpur	First
5.	Avijeet Rai Snehlata Yadav	Science Quiz	PMSD, MMMUT Gorakhpur	Second
6.	Aditi Singh	Science Quiz	PMSD, MMMUT Gorakhpur	Third
7.	Shivendra Pratap Ray	Word- O- Mania	PMSD, MMMUT Gorakhpur	First
8.	Avijeet Rai	Word- O- Mania	PMSD, MMMUT Gorakhpur	Second
9.	Huma Farooqui	Word- O- Mania	PMSD, MMMUT Gorakhpur	Third

10.	Huma Farooqui	Vichar	PMSD, MMMUT Gorakhpur	First
11.	Khushi Singh	Vichar	PMSD, MMMUT Gorakhpur	Second
12.	Ayushi Chaturvedi	Vichar	PMSD, MMMUT Gorakhpur	Third

24. Any Other Information Exhibiting Academic Strength of Department: All the faculty members of Department are well qualified having Ph.D. Degree.

 24.11.2019
Name and Signature of Head of Department with date:

Chemistry & Environmental Science Department

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : Department of Chemistry and Environmental Science
2. No. of Full Time Permanent Faculty :03
3. No. of Guest/Contractual / NPIU/ TCR Faculty: 01
4. No. of Faculty with Ph.D. Qualification: 03
5. No. of Faculty with Ph.D. (persuing) : 0
6. Name of UG Courses : NIL
7. Name of PG Courses : NIL (M.Sc. to be started from AY 2020-2021)
8. Total No. of Students: UG Nil PG Nil Total (UG/PG) : Nil
9. No. of Ph.D. Students : Regular :05 Part-time : 03
10. Curriculum Revisions Information:

Periodicity:

When was the last revision done?

When is next revision proposed?



7/11/19

115
7-11-19

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing) : 01
- b. No. of Sponsored Research Projects (Submitted) : 05
- c. No. of Journal Papers Published by Department: SCI **12** SCI Mago **02**
Others **Nil**
- d. No. of Conference Papers Published by Department
(National/International) : Nil
- e. No. of Books Published: 0
- f. No. of Book Chapters Published: 0
- g. No. of Patents: 01+07 Applied 07 Granted
- h. Ph.D. Theses (Awarded) : 0
- i. Total Number of Conferences/Seminar Organized:
National **01**
International Nil

12. Number of Invited Talks Organized: 01

13. Number of FDP/Short Term Courses (6 days) Organized: 0

14. Number of Workshops/ Symposium (less than 6 days) Organized:0

15. Details of other activities held:

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1	Dr. Rajesh Kumar Yadav	3 day conference in 2018, 2 days	BBAU Lucknow National Conference on Recent Trends in Mathematical Sciences	Yes

		2 days	<p>(NCRIMS-16)" organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, April 12-13, 2016.</p> <p>National Conference in Recent Advances in Chemical Sciences (NCRACS-2019) organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, March 29-30, 2019</p>	
2	Dr. P. P. Pande	<p>2 days</p> <p>2 days</p> <p>2 days</p>	<p>National Conference in Recent Advances in Chemical Sciences (NCRACS-2019) organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, March 29-30, 2019</p> <p>National Conference in Pure and Applied Mathematics (RAPAM-2018) organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, April 12-13, 2018</p> <p>International Conference on Emerging Trends in</p>	

			<p>Chemical Sciences organized by Department of Chemistry, DDU Gorakhpur University, Gorakhpur, February 24-25, 2018</p> <p>National Conference on Recent Trends in Mathematical Sciences (NCRTMS-16)" organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, April 12-13, 2016.</p>	
3	Dr. Krishan Kumar	<p>(ICEBN) 2 Days conference in 2018, JNU, New Delhi</p> <p>2 days</p> <p>2 days</p>	<p>23-24, sept. 2018 ICEBN</p> <p>National Conference on Recent Trends in Mathematical Sciences (NCRTMS-16)" organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur, April 12-13, 2016.</p> <p>National Conference in Recent Advances in Chemical Sciences (NCRACS-2019) organized by Department of Applied Sciences, MMM University of Technology, Gorakhpur,</p>	Yes

			March 29-30, 2019	
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Details of Recipients of Any Excellence Award? :

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority
1.	Dr. Krishna Kumar	Early Career Research Award	Research	SERB, New Delhi

17. No. of new courses (developed) : MSc in Chemistry

18. No. of industry visits undertaken for students of department: Nil

19. No. of new laboratory added:03 Details: B. Tech (01) & Research Lab. (02)

20. No. of new equipment and infrastructure added: 15

21. Details of activities undertaken for professional and personality development of students in the Department: NA

22. Details of students of Department winning prizes Inside/Outside of the University: NA

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won

23. Any Other Information Exhibiting Academic Strength of Department


Name and Signature of Head of Department with date:

विभागाध्यक्ष
रासायन एवं पर्यावरण विज्ञान विभाग

Mathematics and Scientific Computing

**Madan Mohan Malaviya University of Technology
Gorakhpur
Report Proforma**

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : **Mathematics and Scientific computing**
2. No. of Full Time Permanent Faculty : **05**
3. No. of Guest/Contractual / NPIU/ TCR Faculty: **04**
4. No. of Faculty with Ph.D. Qualification: **05**
5. No. of Faculty with Ph.D. (pursuing) : Nil
6. Name of UG Courses : Nil
7. Name of PG Courses : M.Sc. in Mathematics (Specialization in computing)
8. Total No. of Students: UG..Nil.. PG...17... Total (UG/PG) : 17.....
9. No. of Ph.D. Students: Regular : **08**.....Part-time : Nil.....
10. Curriculum Revisions Information:

Periodicity: **yes**

When was the last revision done? **December, 2018**

When is next revision proposed? **February, 2020**

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing): **02**.....
- b. No. of Sponsored Research Projects (Submitted): **01**.....
- c. No. of Journal Papers Published by Department: SCI **03**...SCI
Mago...**05**...Others.....
- d. No. of Conference Papers Published by Department
(National/International): **06**.....
- e. No. of Books Published: Nil

- f. No. of Book Chapters Published: Nil
- g. No. of Patents: Nil.....Applied Granted
- h. Ph.D. Theses (Awarded):
- i. Total Number of Conferences/Seminar Organized:
- National02
- International.....Nil....

12. Number of Invited Talks Organized: 06.....

13. Number of FDP/Short Term Courses (6 days) Organized: 01

14. Number of Workshops/ Symposium (less than 6 days) Organized: 01

15. Details of other activities held:

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1.	Dr. Harish Chandra	06	one week Short Term Course on Research Methodology and Statistics, organized by Department of Applied Science, MMM University of Technology, Gorakhpur, October 24-30, 2018	Yes
2.	Dr. Harish Chandra	05	National Workshop on LaTeX and Its Applications, Organised by Department of Computer Science and Engineering Science, MMM University of Technology, Gorakhpur, during March 11-15, 2019	Yes
3.	Dr. Harish Chandra	05	Faculty development programme on "ICT in Advance Teaching and Learning for Academicians: A Gateway to Excellence" jointly organised by Electronics and ICT Academy, NIT	Yes

			Patna and department of Humanities and Management science. MMMUT Gorakhpur, India, during October 14-18, 2019.	
4.	Dr. Harish Chandra	One week	Successfully completed one week NPTEL-AICTE Faculty development Programme on Modern Algebra with Elite certificate	
5.	Dr. Harish Chandra	One week	Successfully completed one week NPTEL-AICTE Faculty development Programme on Introduction to abstract algebra and Linear Algebra with Elite certificate	
6.	Dr. Harish Chandra	02	Presented a paper on "Recent Results in Nilpotent Group Algebras" in International Conference on Algebra and Applied Analysis(ICAAA-2018) during August 9-11, 2018, Integral University, Lucknow.	Yes
7.	Dr. Harish Chandra	02	A Note on Group Algebras of small Nilpotency Indices" in National Conference on Recent Trends in Mathematics" Organized by department of Mathematics and Astronomy, Lucknow University, Lucknow during 10-11th Nov., 2018	Yes
8.	Dr. Harish Chandra	02	A Note on the derived length of solvable group Algebras" in International Conference on Algebra and Continuum Mechanics" Organised by department of Mathematics and Statistics, Himanchal Pradesh University, Shimla during 23-25th Nov., 2018.	Yes
9.	Dr. Ram Keval	One Week	Latex and its Applications, TEQIP sponsored, organized by Department of computer Science & Engineering, M. M. M. U. T. Gorakhpur during 11-15 March, 2019.	Yes

10.	Dr. Ram Keval	One Week	short Term course on Research Methodology & Statistics (STCRMS - 2018) Organised by Department of Applied science, Madan Mohan Malaviya University of Technology, Gorakhpur, India during 24-30 October, 2018.	Yes
11.	Dr. Ram Keval	12 Week course	Successfully completed NPTEL Online certification on " Integral Transforms and Their Applications " during July – October 2019	Yes
12.	Dr. V. K. Mishra	One Week	Latex and its Applications, TEQIP sponsored, organized by Department of computer Science & Engineering, M. M. M. U. T. Gorakhpur during 11-15 March, 2019.	Yes
13.	Dr. V. K. Mishra	One Week	short Term course on Research Methodology & Statistics (STCRMS - 2018) Organised by Department of Applied science, Madan Mohan Malaviya University of Technology, Gorakhpur, India during 24-30 October, 2018.	Yes
14.	Dr. A. K. Baranwal	One Week	Latex and its Applications, TEQIP sponsored, organized by Department of computer Science & Engineering, M. M. M. U. T. Gorakhpur during 11-15 March, 2019.	Yes
15.	Dr. A. K. Baranwal	05	Faculty development programme on "ICT in Advance Teaching and Learning for Academicians: A Gateway to Excellence" jointly organised by Electronics and ICT Academy, NIT Patna and department of Humanities and Management science, MMMUT Gorakhpur, India, during October 14-18, 2019.	Yes

16.	Dr. D Kandu	06	one week Short Term Course on Research Methodology and Statistics, organized by Department of Applied Science, MMM University of Technology, Gorakhpur, October 24-30, 2018	Yes
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17. Details of Recipients of Any Excellence Award? : Nil

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority

18. No. of new courses (developed) : 01 (M. Sc. Mathematics)

19. No. of industry visits undertaken for students of department: Nil

20. No. of new laboratory added: **01** Details: Mathematical Computational lab

21. No. of new equipment and infrastructure added: Under Process

22. Details of activities undertaken for professional and personality development of students in the Department: Nil

23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won

24. Any Other Information Exhibiting Academic Strength of Department

Name and Signature of Head of Department with date


21-12-19
H.M.S.C.D.

Information Technology & Computer Application

Madan Mohan Malaviya University of Technology Gorakhpur

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department: **IT & Computer Application**
2. No. of Full Time Permanent Faculty: **06**
3. No. of Guest/Contractual / NPIU/ TCR Faculty: **Nil**
4. No. of Faculty with Ph.D. Qualification: **04**
5. No. of Faculty with Ph.D. (pursuing): **02**
6. Name of UG Courses: **01**
7. Name of PG Courses: **02**
8. Total No. of Students: UG: **80**, PG: **221**, Total (UG/PG): **301**
9. No. of Ph.D. Students: Regular: **03**, Part-time: **03**
10. Curriculum Revisions Information:

Periodicity: **01 years**

When was the last revision done? **January, 2019**

When is next revision proposed? **July 2020**
11. Research Output (Session 2018-19)
 - a. No. of Sponsored Research Projects (Sanctioned/Ongoing): **Nil**
 - b. No. of Sponsored Research Projects (Submitted): **Nil**
 - c. No. of Journal Papers Published by Department: SCI: **Nil**, SCI Mago: **03**, Others: **02(International)**
 - d. No. of Conference Papers Published by Department (National/International): **14 (International)**
 - e. No. of Books Published: **Nil**
 - f. No. of Book Chapters Published: **Nil**
 - g. No. of Patents: **Nil**, Applied: **Nil**, Granted: **Nil**
 - h. Ph.D. Theses (Awarded): **Nil**

i.Total Number of Conferences/Seminar Organized:

- National: Nil

International: Nil

12. Number of Invited Talks Organized:05

13. Number of FDP/Short Term Courses (6 days) Organized: Nil

14. Number of Workshops/ Symposium (less than 6 days) Organized:02

15. Details of other activities held: **Student Activities (CSSE)**

• **Technokratos-2018**, a programme organized by Computer Society of Software Engineers (CSSE) on 29/10/2018 in Department of ITCA, MMMUT Gorakhpur (Activities: (Mock Dance, Solo Singing, Solo Dance, Group Dance, Situation Reaction, Chart Making, Stand Alone Comedy, Ramp Walk, Sketching, Musical Chair, Paper Dressing, Duet Singing, Card Making)

• **Technokratos-2019**, a programme organized by Computer Society of Software Engineers (CSSE) on April 06-07, 2019 in Department of ITCA, MMMUT Gorakhpur (Activities: Quiz, Debate, Extempore, Technical Presentation, Group Discussion)

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

S. N	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1.	• Prof. S.P Singh • Sri D. S Singh	01	Student Learning Assessment (SLA) held at AICTE Auditorium, Nelson Mandela Marg, AICTE, New Delhi on March 5th, 2019.	Yes
2.	• Sri D. S Singh	03	Executive Art of Living Program at International Art of Living Centre, Bangalore from 19th April to 21st April 2019 organized by State Project Implementation Unit, Uttar Pradesh.	Yes
3.	• Prof. S. P Singh • Prof. Shiva Prakash • Prof. U.C Jaiswal • Sri R. K Dwivedi	05	STC on LaTeX and Its Applications held at MMMUT, Gorakhpur during March 11-15, 2019.	Yes
4.	• Prof. Shiva Prakash • Sri R. K Dwivedi	06	STC on Technological Innovations in IoT for 5G Applications held at MMMUT, Gorakhpur during Oct 24-29, 2018.	Yes

			(CSSE), Department of ITCA	
9	• Ms. Ayushi Dwivedi (MCA 2nd Year)	Sketching	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
10	• Ms. Ankita Singh (MCA 2nd Year)	Musical Chair	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
11	• Ms. Sonali Mishra (MCA 2nd Year) • Ms. Astha Mishra (MCA 2nd Year) • Ms. Pallavi Srivastava (MCA 2nd Year) • Ms. Ayushi Dwivedi (MCA 2nd Year)	Paper Dressing	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
12	• Mr. Atul Jaiswal (MCA 1st Year) • Saurabh Srivastava (MCA 1 st Year)	Duet Singing	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
13	• Sonali Mishra (MCA 2nd Year) • Prity Gupta (MCA 2nd Year)	Card Making	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize

• **Winners of Technokratos-2018**

S. N.	Name of Student	Name of Activity	Organized by	Name of Prize won
1.	• Ms. Shivani Srivastava (MCA-II)	Technical Presentation	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
2.	• Mr. Sagar Khatri (MCA-II)	Technical Presentation	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
3.	• Mr. Abhijit Gupta (MCA-II) • Ms. Ankita Jaiswal (MCA-III)	Technical Presentation	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize
4.	• Mr. Sagar Khatri (MCA-II)	Group Discussion	Computer Society of Software Engineers (CSSE), Department of	First Prize

			ITCA	
5.	Mr. Gaurav Kr. Gupta (MCA-II)	Group Discussion	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
6.	• Ms. Shivangi Tripathi (MCA-II)	Group Discussion	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize
7.	• Mr. Sagar Khatri (MCA-II)	Extempore	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
8.	• Ms. Pragya Shukla (MCA-II)	Extempore	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
9.	• Ms. Shaurya Tripathi (MCA-II)	Extempore	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize
10.	• Mr. Sagar Khatri (MCA-II)	Debate	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
11.	• Ms. Pragya Shukla (MCA-II)	Debate	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
12.	• Mr. Sagar Kumar (MCA-II)	Debate	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize
13.	• Ms. Shivani Srivastava (MCA-II)	Language Quiz (C++ Quiz)	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
14.	• Ms. Rupanshi Soni	Language Quiz (C++ Quiz)	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
15.	• Mr. Vishal Modi	Language Quiz (C++ Quiz)	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize



17. Details of Recipients of Any Excellence Award?**Nil**

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority

18. No. of new courses (developed):**03 course syllabus of B. Tech-I Year(IT)**

19. No. of industry visits undertaken for students of department: **Nil**

20. No. of new laboratory added: **02 : PG-01 (Ubuntu) & PG-02 (Aneka Cloud) Labs in ITRC + 1 SSB Hall**

21. No. of new equipment and infrastructure added: **Please Refer Annexure-I**

22. Details of activities undertaken for professional and personality development of students in the Department:

- **Technokratos-2018**, a programme organized by Computer Society of Software Engineers (CSSE) on 29/10/2018 in Department of ITCA, MMMUT Gorakhpur (Activities: (Mock Dance, Solo Singing, Solo Dance, Group Dance, Situation Reaction, Chart Making, Stand Alone Comedy, Ramp Walk, Sketching, Musical Chair, Paper Dressing, Duet Singing, Card Making)

- **Technokratos-2019**, a programme organized by Computer Society of Software Engineers (CSSE) on April 06-07, 2019 in Department of ITCA, MMMUT Gorakhpur (Activities: Quiz, Debate, Extempore, Technical Presentation, Group Discussion)

23. Details of students of Department winning prizes Inside/Outside of the University

- **Winners of Technokratos-2018**

S.N	Name of Student	Name of Activity	Organized By	Name of Prize Won
1	• Ms. Harshita Gupta (MCA 2 nd Year)	Solo Singing	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
2	• Mr. Ritikesh (MCA 1 st Year) • Mr. Ravi Shankar Gupta (MCA 1 st Year) • Mr. Atul Jaiswal	Mock Dance	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize

	(MCA 1st Year) • Mr. Dhanjeet Verma (MCA 1st Year) • Mr. Nitesh Kumar Gond (MCA 1st Year) • Mr. Sagar Khatri (MCA 1st Year) • Mr. Shashank Singh (MCA 1st Year) • Mr. Vinay Kumar Verma (MCA 1st Year) • Mr. Vishal Modi (MCA 1st Year) • Mr. Shubham Shukla (MCA 1st Year)			
3	• Ms. Astha Mishra (MCA 2nd Year) • Ms. Pallavi Srivastava (MCA 2nd Year) • Ms. Ayushi Dwivedi (MCA 2nd Year) • Ms. Sonali Mishra (MCA 2nd Year) • Ms. Vishnu Priya Verma (MCA 2nd Year)	Group Dance	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
4	• Ms. Anjali Sriwastav (MCA 1 st Year)	Solo Dance	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
5	• Mr. Gaurav Kumar Gupta (MCA 1st Year) • Mr. Mrityunjay Nath Tiwari (MCA 1st Year)	Situation Reaction	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
6	• Ms. Shivani Srivastava (MCA 1st Year)	Chart Making	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
7	• Mr. Dileep Kumar (MCA 1st Year)	Standalone Comedy	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
8	• Ms. Anjali Sriwastav (MCA 1st Year)	Ramp Walk	Computer Society of Software Engineers	First Prize

16.	• Mr. Vikram Pratap Singh	Quant Quiz	Computer Society of Software Engineers (CSSE), Department of ITCA	First Prize
17.	• Mr. Mahesh Kumar Gupta	Quant Quiz	Computer Society of Software Engineers (CSSE), Department of ITCA	Second Prize
18.	• Mr. Swapnil Bansal	Quant Quiz	Computer Society of Software Engineers (CSSE), Department of ITCA	Third Prize

24. Any Other Information Exhibiting Academic Strength of Department

- Establishment of Cyber security Lab is under process.
- Establishment of Cloud Computing Lab (ANEKA) is under process.


 (Sarvpal Singh)
 Head
 Department of
 I.T. & Computer Application

Humanities and Management Science

HUMANITIES & MANAGEMENT SCIENCE DEPARTMENT
M.M.M. UNIVERSITY OF TECHNOLOGY
GORAKHPUR

Ref. No./MUT/HMSD/Mgmt/2019

Dated: December 20, 2019

Dean of Undergraduate Studies and Entrepreneurship

Please find herewith enclosed the Academic audit report of the department..
This is for your kind information and needful please.

Encl.: As Above


(Prof. S.C. JAYSWAL)
Head

**Madan Mohan Malaviya University of Technology
Gorakhpur**

Report Proforma

Academic Session for which Departmental Report is being done: 2018-2019.

PART – A

(To be filled by the Department and Submitted to committee)

1. Name of Department : **Humanities and Management Science Department**

(Department Established on June 22, 2019 with inclusion of Center for Management Studies and Economics English and Psychology which was associated with Applied Science Dept.)

2. No. of Full Time Permanent Faculty :03
3. No. of Guest/Contractual / NPIU/ TCR Faculty:07 Guest/ 08 contractual
4. No. of Faculty with Ph.D. Qualification: 13
5. No. of Faculty with Ph.D. (pursuing) : 02
6. Name of UG Courses : 01
7. Name of PG Courses : 01
8. Total No. of Students: UG- 52, PG- 133 Total (UG/PG) : 185
9. No. of Ph.D. Students: Regular: 01.....Part-time: -
10. Curriculum Revisions Information:

Periodicity: 02 (Curriculum Formation of MBA 2014-15 and BBA 2019-20)

When was the last revision done? May30, 2019

When is next revision proposed? May 2021

11. Research Output (Session 2018-19)

- a. No. of Sponsored Research Projects (Sanctioned/Ongoing): 01
- b. No. of Sponsored Research Projects (Submitted): Nil
- c. No. of Journal Papers Published by Department: SCI.....SCI
Mago.....Others 45 (UGC & Peer Reviewed)
- d. No. of Conference Papers Published by Department
(National/International) : 50
- e. No. of Books Published: Nil
- f. No. of Book Chapters Published: 07
- g. No. of Patents: Nil Applied: Nil Granted : Nil
- h. Ph.D. Theses (Awarded) : Nil
- i. Total Number of Conferences/Seminar Organized: Nil
National: Nil
International: Nil

12. Number of Invited Talks Organized: 02

13. Number of FDP/Short Term Courses (6 days) Organized: 01

14. Number of Workshops/ Symposium (less than 6 days) Organized: 04

15. Details of other activities held: 08 expert lecture delivered by faculty

16. Details of Faculty/Student Participation in Seminar/ Conferences/ Workshops

Sl. No.	Name	Duration of Seminar / Conference/ Workshop etc. in no. of days	Details of Seminar / Conference / Workshop attended	Did the University provide funds? YES or NO
1.	Dr. Vinay Kumar Yadav Dr. Rakesh Kumar Dr. Bharti Shukla Mr. Bijendra Pushkar Ms. Anumita Agarwal	Sept. 7-8, 2018	Cyber Security & its Relevance in Digital India, MMMUT, GKP	-

	Ms. Joyce Yeoward Mr. Ajay Manjhi Mohd. Kashif			
2.	Dr. Vinay Kumar Yadav Dr. Bharti Shukla Mr. Bijendra Kr. Pushkar Ms. Anumita Agarwal Ms. Joyce Yeoward Mr. Ajay Manjhi Mohd. Kashif Mr. Ugrasen	October 5-6, 2018	Data Analysis and Marketing Decisions for Business CMS, MMMUT, GKP	-
3.	Ms. Joyce Yeoward Ms. Anumita Agarwal	October 11-15, 2018	Business Analytics CMS, MMMUT, GKP	-
4.	Dr. Vinay Kumar Yadav Ms. Joyce Yeoward	October 22-24, 2018	Professional Training Program on LED Lights Green Star Pvt. Ltd., Gurugram	No
5.	Dr. Vinay Kumar Yadav Ms. Joyce Yeoward	October 25, 2018	Professional Training Program on Solar & Alternate Energy High Street Lighting Pvt. Gurugram	
6.	Mr. Bijendra Kr. Pushkar Ms. Anumita Agarwal Mohd. Kashif	October 24-30, 2018	Research Methodology & Statistics ASD, MMMUT, GKP	-
7.	Dr. Kahkashan Singh Dr. Rajesh Singh Dr. Bharti Shukla Dr. Priyanka Rai	Jan. 17-18, 2019	Academic-Industry Interface for Managerial Skills Development CMS, MMMUT, GKP	-

	Ms. Anumita Agarwal Dr. Vinay Kumar Yadav Mr. Bijendra Pushkar Dr. Ugrasen Dr. Rakesh Kumar Ms. Joyce Yeoward			
8.	Dr. Kahkashan Khan Dr. Rajesh Singh Dr. Bharti Shukla Dr. Priyanka Rai Ms. Anumita Agarwal Dr. Vinay Kumar Yadav Mr. Bijendra Pushkar Dr. Ugrasen Dr. Rakesh Kumar Ms. Joyce Yeoward	Feb. 24-26, 2019	Malaviya Research Conclave- 2019 MMMUT, GKP	
9.	Dr. Bharti Shukla (As resource person)	March 2-3, 2019	Integrating Customers Focus Across the Firm: Issues & Challenges Before Services Marketers Dept of Commerce DDU, GKP	No
10.	Dr. Rajesh Singh (As Co-coordinator)	March 30, 2019	ICT in Advanced Teaching & Learning for Academician : A Gateway to Technical Excellence NIT Patna & KNIT Sultanpur	No

11.	Dr. Ravi Kumar Gupta Dr. Abhijit Mishra	March 11-15, 2019	National Workshop on LaTeX and Its Application MMMUT, GKP	
12.	Dr. S. N. Singh	July 22 to August 04, 2018	English Language Teachers' Summer Seminar 2018 Exeter College, University of Oxford, Oxford	
13.	Dr. Abhijit Mishra	Dec 18-21, 2018	International Conference on towards building inclusive societies Ramanujan College, Uni. of Delhi	
14.	Dr. Abhijit Mishra	August 1 to September 30 2018	NPTEL Faculty Development Programme on Leadership (Online) NPTEL & IIT Kgp	
15.	Dr. S. N. Singh	Feb 15-16, 2019	National Seminar on Literature Across Mediums: The Aesthetics and Politics DDU GU, Gorakhpur	
16.	Dr. Abhijit Mishra	Jan 27 to March 30, 2019	NPTEL Faculty Development Programme on Psychiatry (Online) NPTEL & IIT Kgp	
17.	Dr. S. N. Singh (As a Session Chair)	December 19-20, 2019	Topic- Literature TEQIP-III, Sponsored International Conference on "Gender Equity: Challenges and Opportunities" SVNIT, Surat	--
18.	Ms. Aastha Pathak	December 6-10, 2019	Short Term Course under TEQIP-III on "Entrepreneurship, Innovation & Design"	No

			at IIT Delhi	
19.	Ms. Sonia Bhatt	November 4-10, 2019	Workshop on "Scale Development, Refinement & Construction of Casual Models-An Application of SEM using Variance and Co-Variance Techniques" at Guru Nanak Dev University, Amritsar, Punjab	No
20.	Ms. Sonia Bhatt	December 11, 2019	Workshop on "How to Publish Studies in Top Tier Journals" at IIM Rohtak	No
21.	Dr. Javed Alam	November 4-8, 2019	Short Term Training Programme on "Data Analytics & Internet of Things (IoT)" sponsored by TEQIP-III & organized by Department of Computer Science & Engineering, MMMUT, Gorakhpur	No
22.	Dr. Javed Alam	December 6-10, 2019	Short Term Course under TEQIP-III on "Entrepreneurship, Innovation & Design" at IIT Delhi	No
23.	Dr. Javed Alam	November 30-December 1, 2019	Two day Workshop on "Energy Management in Smart Sustainable Cities (EMSSC-2019)" organized by Department of Electrical Engineering, MMMUT, Gorakhpur	No

17. Details of Recipients of Any Excellence Award? : Nil

(Provide Details of Teachers Received Such Awards)

Sl. No.	Name of Teacher	Name of Award	Purpose of award	Issuing authority

18. No. of new courses (developed): BBA (Started from session 2019-20)

19. No. of industry visits undertaken for students of department: Nil

20. No. of new laboratory added: Nil Details:.....

21. No. of new equipment and infrastructure added: Nil

22. Details of activities undertaken for professional and personality development of students in the Department: 03 workshop and 07 Program by ESHAN

23. Details of students of Department winning prizes Inside/Outside of the University

Sl. No.	Name of Student	Name of Activity	Organized by	Name of Prize won
	1) Akash Deep Tripathi 2) Sudeepti 3) Jagriti Singh 4) Masood Ahmed 5) Pratiksha Rai	International Level Business Plan Competition	Organized by IIMK (ECHOES 17) and Makeintern.com at IIM Indore	Won Award of Excellence
	1) Aditya Singh 2) Rishabh Dubey	Business Quiz	TechSrijan 2018 Organized By MMMUT, Gorakhpur	1 st Prize
	1) Pragati Srivastava 2) Rishabh Dubey 3) Shubham Srivastava	Business Quiz	Organised by ESHAN Society CMS, MMMUT, Gorakhpur	First Second Third
	1) Alok Kumar Pal 2) Ekta Tiwari	Debate	Organised by ESHAN Society CMS,	First Second

65

	3) Amrita Mishra		MMMUT, Gorakhpur	Third
	1) Deepshikha Chaudhary) 2) Manisha Kannaujiya 3) Aditya Singh	Extempore	Organised by ESHAN Society CMS, MMMUT, Gorakhpur	First Second Third
	1) Aditya singh, 2) Abhishek Kumar 3) Deepshikha Chaudhary	Business Plan	Organised by ESHAN Society CMS, MMMUT, Gorakhpur	First
	1) Bhavya Bajpai 2) Divyabha Gautam 3) Divya Prakash Pandey	International Level Business Plan Competition	Organized by IIMK (ECHOES'17) and Makeintern.com at IIM kozhikode	Won Award of Appreciation
	1) Shiva Srivastava 2) Ekta Tiwari 3) Neha	Sketch Competition	Organised by ESHAN Society CMS, MMMUT, Gorakhpur	First Second Third
	1) Jagriti Singh & Pratiksha Rai (MBA-2 nd yr) 2) Shubham Srivastava & Navaneet Mishra (MBA-1 st yr) 3) Sudeepti & Awantika (MBA-2 nd yr)	Situation Reaction Test	Organised by ESHAN Society CMS, MMMUT, Gorakhpur	First Second Third
	1) Shrishti Singh (1 st Prize) 2) Shilpi Pandey 3) Sudeepti 4) Awantika Pandey 5) Ashutosh Pandey	Poster Presentation	Organised by CMS, on Malaviya Research Conclave, MMMUT, Gorakhpur	Won

24. Any Other Information Exhibiting Academic Strength of Department

- a- Students and faculty attended various national/ international seminar and conference

1.	Vishal Gupta and Bharti Shukla, "Adoption Of 7p's Of Marketing Strategies in Banking Sector" National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU GU University, March 2-3, 2019.
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2.	Alka Pandey and Bharti Shukla, "Role of Women Employees in The Hospitality Industry" National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU G University, March 2-3, 2019.
3.	Niharika Tripathi and Bharti Shukla, "Stress Management in Hospital Industry in Gorakhpur," National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU G University, March 2-3, 2019.
4.	Nupur Tripathi and Bharti Shukla, "A Study of Job Satisfaction on Employee and Its Impact on Employee Retention in Retail Sector of Gorakhpur," National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU GU University, March 2-3, 2019.
5.	Vishakha Jaiswal and Dr. Kahkashan Khan, "A Study on the Concept of Poverty and Elimination practices in India," National Conference on Transforming from Developing to a Developed Economy, SMS, Lucknow, March 2-3, 2019.
6.	Manisha Singh and Priyanka Rai, "A Study on Behaviour of Policy Holder towards Insurance Policies," National Conference on Transforming from Developing to a Developed Economy, SMS, Lucknow, March 2-3, 2019.
7.	Shilpi Vaishya and Joyce Yeoward, "A Study on Awareness and Attitude of Youth Towards Digitalization in Gorakhpur," National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU GU University, March 2-3, 2019.
8.	Pooja and Anumita Agarwal, "A Study of the factors Influencing consumer Purchase Decision for Online Products," National Seminar on Integrating Customer Focus Across the Firm: Issues and Challenges Before Service Marketers, Department of Commerce, DDU GU University, March 2-3, 2019.
9.	Ananya Gupta and Bijendra Kumar Pushkar, "Study on Stress Management at Workplace," 3 rd National HR seminar on Integrating Indian Management Philosophy with Modern Management for Human Excellence, Prestige Institute of Management, Gwalior, November 17, 2018.
10.	Vinay Kumar Yadav, "Impact of consumer Trust and Attitude in online Purchase Decision Making Process," AICC in 71 st ICA International Conference, Osmania University, Hyderabad TS, December 22, 2018.
11.	Rakesh Kumar, "Determine the factors Affecting the usage of Internet Banking in Gorakhpur," in 71 st ICA International Conference, Osmania University, Hyderabad TS, Dec. 22, 2018.
12.	Abhay Singh and Joyce Yeoward, "Measuring Indian Economy: An Anticipation of Job Creation in Service Sector," in 71 st ICA International Conference, Osmania University, Hyderabad TS, Dec. 22, 2018.



(66)

13.	Vinay Kumar Yadav and Vishakha Jaiswal on "Employee's Grievance Redressal Mechanism with reference to North Eastern Railways," International Conference at Narayana Engineering College, Telangana, Hyderabad, Oct. 6, 2018.
14.	Vikas Pandey and Vinay Kumar Yadav "Analyzing the Factors Affecting Customer Shift Towards Patanjali FMCG Product in Eastern U.P.," International Conference on Latest Innovations in Engineering, Science and Management, BIT GIDA, Gorakhpur, ISBN 978-93-87793-80-4, 30-31 March 2019.
15.	Dr. S.N. Singh and Dr. Aparna Singh presented a paper on "Gender Fair Language: The Nascent Emergence for Gender Equity" on 19-20 December 2019 at SVNIT, Surat.
16.	Dr. S.N. Singh presented a paper on "Gender Equity in Technical Education: A necessity to the Modern India" on 19-20 December 2019 at SVNIT, Surat.
17.	Ms. Aastha Pathak, presented a paper on "Path of Success for Leaders Through Insight from Bhagavad Gita" International Seminar on Universal Welfare and The Eternal Philosophy of Bhagavad Gita on 3-5 December 2019 at Kurukshetra University, Haryana.
18.	Ms. Sonia Bhatt presented a paper at 7th Pan IIM World Management Conference Public Policy and Management: Emerging Issues, IIM Rohtak, 12-14 December 2019.
19.	Ms. Sonia Bhatt presented a poster at 7th Pan IIM World Management Conference Public Policy and Management: Emerging Issues, IIM Rohtak, 12-14 December 2019.

b- Invited Lectures/ Talks (delivered)

S.N.	Name of Faculty Members	Topic	Venue	Date
1.	Dr. S. N. Singh	Feminist Research Methodology	MMMUT, Gorakhpur	Oct. 26,2018
2.	Dr. S. N. Singh	Ethics in Research	MMMUT, Gorakhpur	Oct. 25,2018
3.	Dr. S. N. Singh	Report Writing / Research Paper Writing	MMMUT, Gorakhpur	Oct. 25,2018
4.	Dr. S. N. Singh	Soft Skills for Professional Excellence	DDU Gorakhpur University, Gorakhpur	Oct. 5,2018
5.	Dr. S. N.	Counselling, Mentoring and	DDU Gorakhpur	Sept. 1,2018

	Singh	Coaching	University, Gorakhpur	
6.	Dr. S. N. Singh	Coaching: A Workshop to Start With	DDU Gorakhpur University,	Sept.1,2018
7.	Dr. Bharti Shukla	'Challenges in Services Marketing and Its suggested Marketing Strategies'	DDU, Gorakhpur university	March 3, 2019
8.	Dr. Rajesh Singh	'How to Write Project Proposal'	KNIT Sultanpur	March 30, 2019


 (Prof. S.C. Jayswal)
 Head

ACADEMIC AUDIT

(PARA – B)

INDEX

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Civil Engineering Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: CIVIL ENGINEERING.

Name of expert: ASHOK SINGH

Designation: CONSULTING ENGINEER

Address: 279- SBC-II, ELDECO-II, P.BLY RD. LUCKNOW
226 025

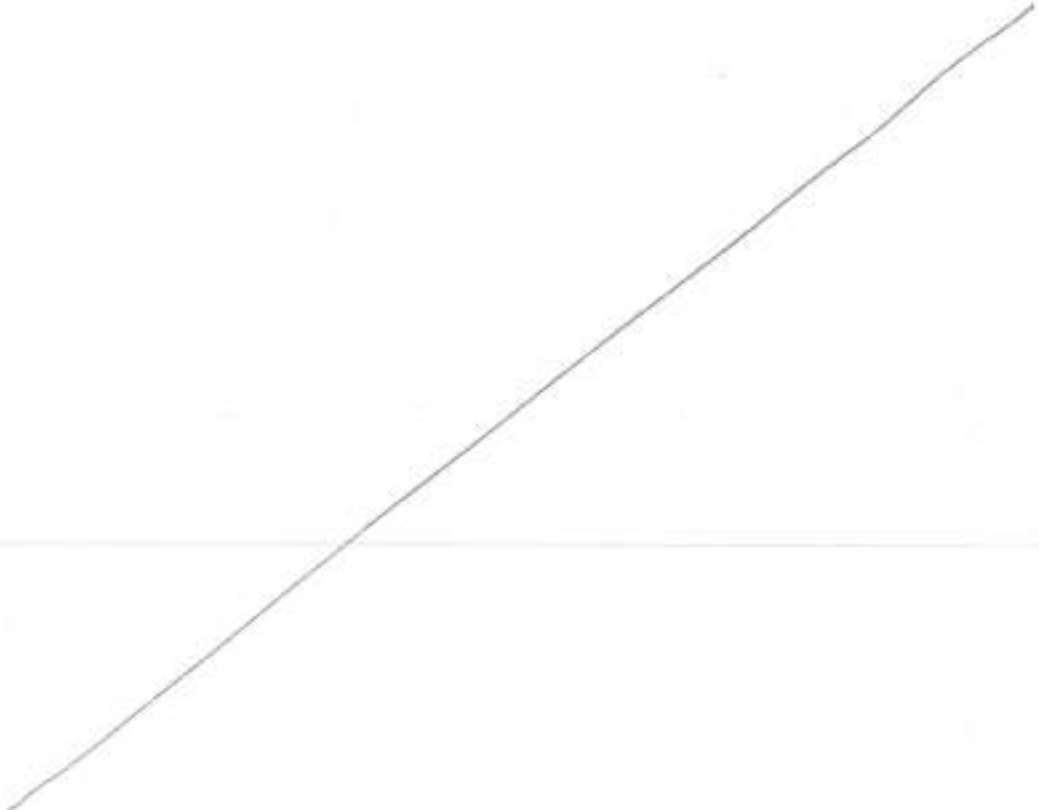
Mobile No.: 9565172000

Email: archineers.network@gmail.com

1. Please write the strength of the Department:

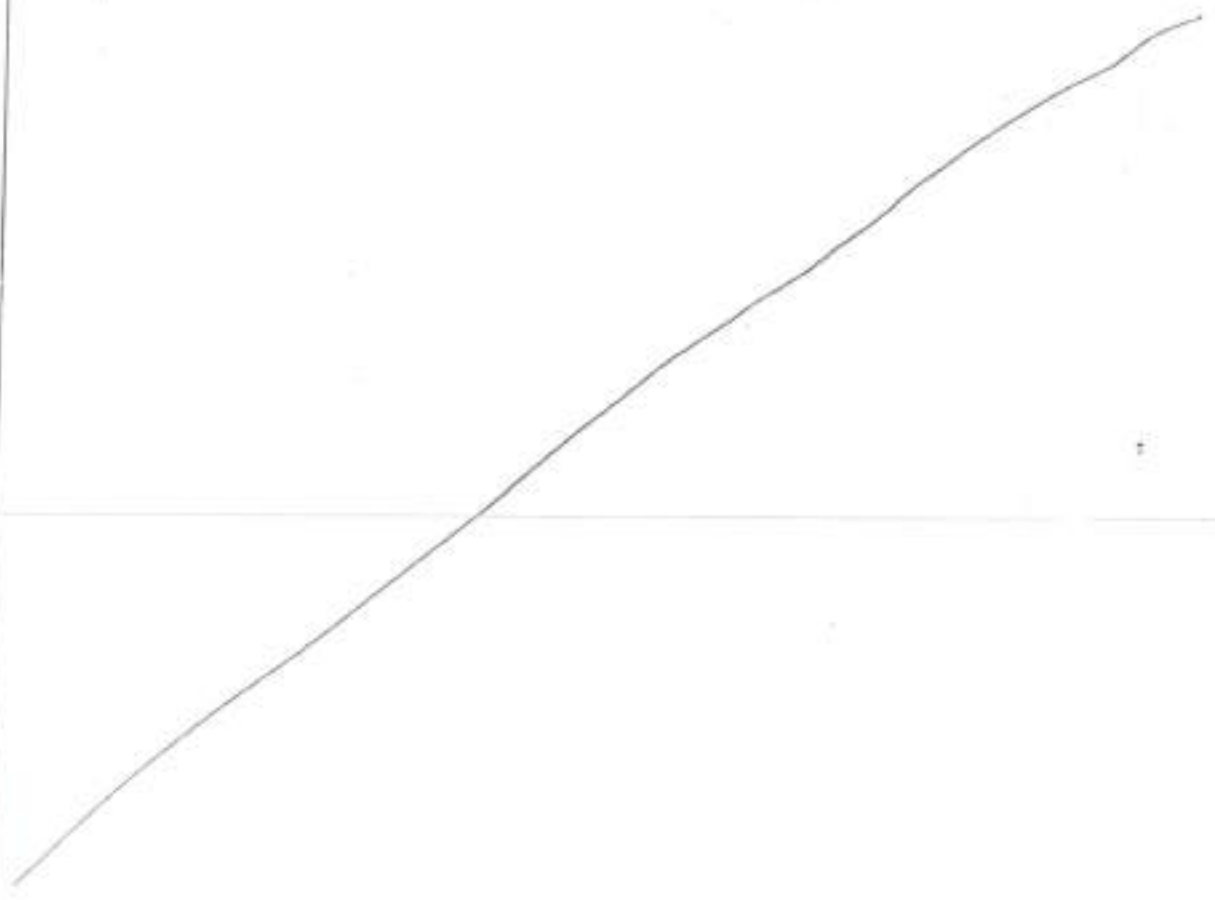
- 1- QUALIFIED EXPERIENCED FACULTY MEMBERS
- 2- RESEARCH & CONSULTANCY WORK BY FACULTY MEMBERS
- 3- LABS- WELL EQUIPPED & UNDERGOING MODERNIZATION TOO
- 4- PH.D. STUDENTS ARE HAPPY WITH EXTRA ACTIVITIES, CO-OPERATION & RESPONSIBILITY OF DEPARTMENT. THEY ARE ALSO KEEN TO INVOLVE IN PRIMARY STATE LECTURES TOO.

2. Highlight the weak points of the Department to be improved:

- 1- STUDENT FACULTY RATIO VERY HIGH
 - 2- TECH STAFF IN LABORATORIES IS ALSO LESS
 - 3- EVEN THOUGH OF EFFORTS - MODERNIZATION OF SURVEY LAB REGARDING PURCHASE OF EQUIPMENTS IS GOING LATE.
 - 4- GUEST FACULTY - PAYMENT PER LECTURE BASIS MUST BE ABOLISHED. IT MAY BE CONSOLIDATED & AT PAR WITH OTHER UNIVERSITIES.
 - 5- NON TEACHING JOB & RESPONSIBILITIES TO FACULTY MEMBERS IS NOT GOOD FOR ACADEMIC PERFORMANCE.
- 

3. What are the opportunities to do the excellence?

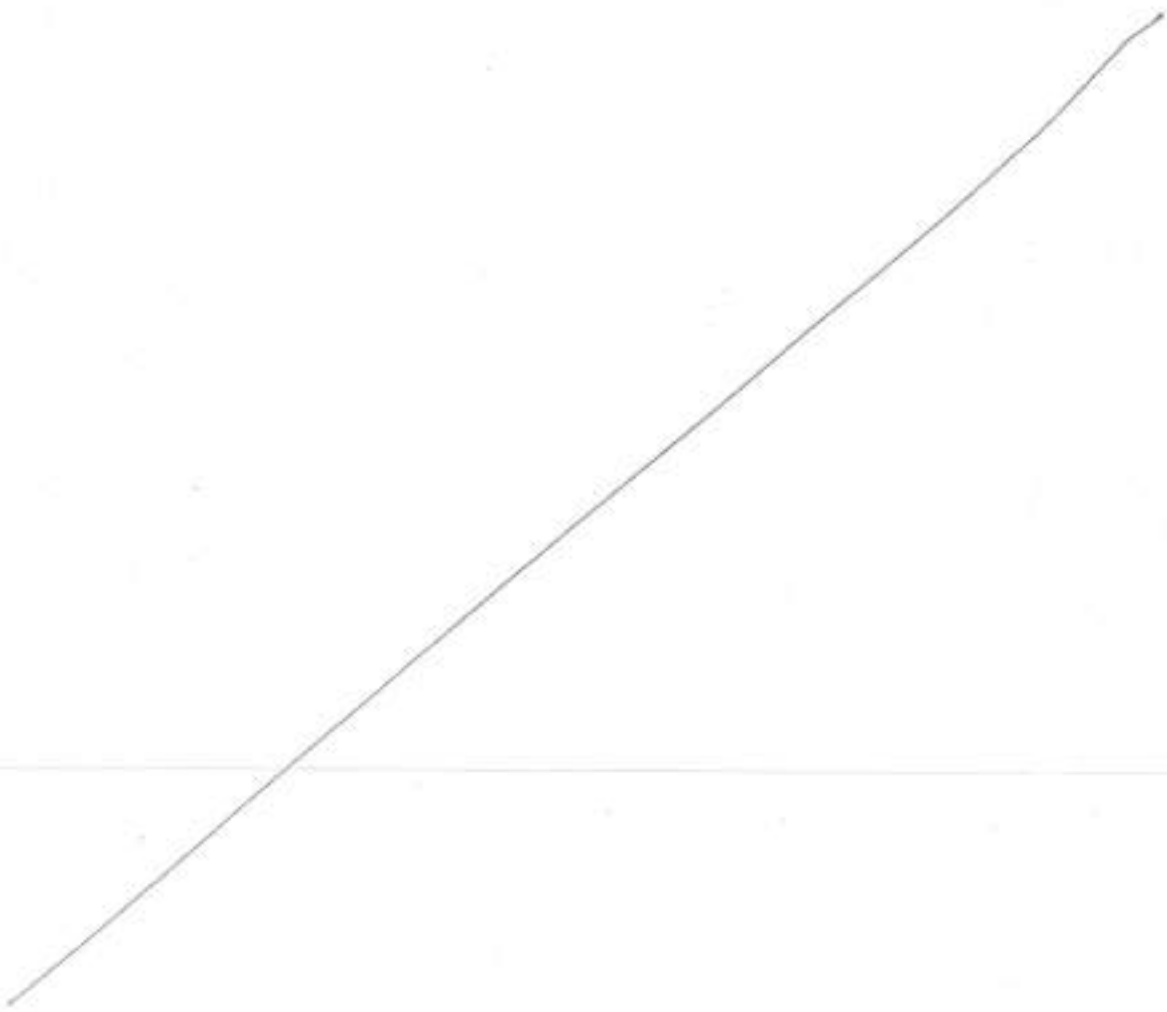
- 1- CO-ORDINATION OF P.G. & RESEARCH STUDENTS TO FACULTY & THEIR MUTUAL CO-OPERATION.
- 2- AMPLE LAND SURROUNDING TO DEVELOP LANDSCAPE, WITH SOLAR LIGHTS, ON LAND & BUILDINGS.
- 3- TO ORGANISE ^{MORAL} EDUCATION, SPIRITUAL LECTURES & PROGRAMS TO/By INVITING. RENOWNED PERSONS TO DEVELOP HUMAN RELATIONSHIP, AS HUMANATARIAN GROUND. & DELIVER STUDENTS TO SERVE SOCIETY WITH GOOD POSITIVE FEELING.



4. Please provide the threats in the current environment of engineering education:

1- NON TEACHING JOBS, TO ACADEMIC STAFF/FACULTY

2- A ^{NO} GROUP DISCUSSION ON VARIOUS TOPICS AMONG STUDENTS UNDER FACULTY SUPERVISION TO DEVELOP MORAL VALUES, RESPONSIBILITY, ABOUT SOCIETY, MORAL DUTIES, OF FACULTY.



5. How your organization can help MMMUT ?

DEVELOP LANDSCAPE & PLANTATION
AROUND ALL DEPARTMENTS.

6. Suggestions; if any :

AS EARLY AS POSSIBLE DEVELOP
SURROUNDING SPACE AROUND ALL
DEPARTMENTS BY INCORPORATING
LANDSCAPE, SOLAR LIGHTS.
VERY LESS COST BUT ^{WIDE} IMPACT
IMPACT ON IDENTITY OF INSTITUTION.


(Signature of the expert)

Computer Science & Engineering Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: CSE

Name of expert: SHAILESH GUPTA

Designation: Head - Global Service Operations
(TATA, COMMUNICATIONS LTD.)

Address: D-1/1203, MILLENNIUM TOWERS,
SANPADA, SECTOR-9, NAVI MUMBAI-
400705

Mobile No.: 9223276162

Email: SHAILESH2001@GMAIL.COM

1. Please write the strength of the Department:

- ①. Qualified Faculty
- ②. Improved Infrastructure - New Building
- ③. Updated syllabus as per market requirement.

2. Highlight the weak points of the Department to be improved:

- ①. Availability of tools / labs for Practicals.
- ②. Industry interaction should be improved.
- ③. Access (Free) to IEEE and other Journals.

3. What are the opportunities to do the excellence?

- ①. Students have potential to excel in their fields. Market demand increasing for highly skilled engineers. We need to understand market challenges and offer solutions accordingly.
- ②. World is moving from Hardware to software. Technologies like IoT/SDWAN require more software skills. We can tap this opportunity at right time.

4. Please provide the threats in the current environment of engineering education:

- ① Plain Science graduates with Industry certification are entering in software/managed services field. They are ready to work on lower CTC/package.
- ② more and more mundane and repetitive jobs are getting automated with Chatbots / RPA - Robotic Process Automation. Keeping in view this Industry trend, we need to enhance skills of Engineering graduates.

5. How your organization can help MMMUT?

10

- ①. My sister concerns TCS is already visiting for campus interview. will explore the possibility to increase intake.
- ②. Our installations are based out of PUNE. can organize Industry visits for computer science and Engg students.

6. Suggestions; if any :

There was general feeling in students that feedback/suggestions provided on earlier occasions have not been acted on.

In order to re-inforce the confidence back, we need to act on low hanging fruits and address small. small issues.



(Signature of the expert)

Electrical Engineering Department

PART - B

11

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: Electrical Engineering

Name of expert: Shailendra Kumar Ojha

Designation: S.E ; U.P.P.T.G.L. ; Gorakhpur.

Address: 132 K.V.SIS Campus (old) ; Mohaddipur Gorakhpur.

Mobile No.: 8090959710

Email: setnecgkp@gmail.com

1. Please write the strength of the Department:

- Faculty members are of good academic qualifications. All are having P.G. / Ph.D. from leading technical institutes such as NIT / IIT.
- Sufficient no. of research scholars are there in dept and pursuing their research work properly.
- After formation of University research work and environment is satisfactory.
- Sufficient no. of research work are sponsored by International and National University, in / agencies are going on.
- In view of increasing no. of intake the various labs of electrical lab dep is strengthened by sufficient no. of equipment / software (approx. cost 35 lacs) through TEQIP.

Shailendra

2. Highlight the weak points of the Department to be improved:

must

- (A) Electrical Dept have following testing facilities. In that the nearby industries / Utilities / Dept must get their testing report from Dept. such as —
- (1) Lab Equipment (Ammeter / Voltmeter / Energymeter / C.T. / P.T.C.)
 - (2) Cable Testing.
 - (3) oil testing (Transformer)
 - (4) Electrical equipment / accessories.
- (B) ~~Res~~ vacant post of Teaching & Technical staff ~~res~~ may be appointed to improve quality of dept.
- (C) Cabin for Teaching staff should be ~~possiblet~~ upgraded and modified.



3. What are the opportunities to do the excellence?

- The lab of department should be upgrade so that state govt. department may use the facility.
- Student should create a clear cut concepts of subjects in his mind so they can compete the exam. after completing their courses.

Shub

4. Please provide the threats in the current environment of engineering education:

A large no. of private and Govt Engg. college ^{are} established in U.P. The no. of seats is also increased very much. A large no. of Engg. graduate passed every year and Govt. and private services are limited.

To maintain the quality education in this institution is a challenge. I think this will be maintained in this institutions.

Shub

5. How your organization can help MMMUT ?

We can provide practical training facility to students at various 220 K.V. and 132 K.V. Sub Stations during vacations.

[Signature]

6. Suggestions; if any :

I think college and department is running smoothly, this pace is to be continued. Teaching staff is of good academic qualification.

If possible the vacant post of teaching staff; supporting staff should be filled up.

[Signature] 20/12/19

(Signature of the expert)

(Shankar Kumar Ghor).
S.E: UPPTCL: GKP.

Electronics & Communication Engg. Department

Academic Audit Report (December 24, 2019)

Introduction

The Department of Electronics and Communication Engineering was established in year 1973 with intake of 20 students in B. E. program. Presently Department offers B. Tech. in Electronics and Communication Engineering, M. Tech in two Specialisations-Digital Systems and Communication Engineering and Ph. D programs.

Strength of the Department

1. Most of the regular faculties are Ph. D. holders and they are doing research in their respective specialized fields.
2. The Department is having **12** sponsored research projects of cost **Rs. 383.93** Laacs including one Govt. of India **MeitY Ne v Delhi** funded project of **Rs. 289.50** Laacs.
3. **Three (3) Patents** have been published by the faculty members of the department which is quit appreciable.
4. The computing facilities in the department is also appreciable.
5. Most of labs are upgraded with latest equipment.
6. Department has core Licensed software such as Mentor Graphics, Cadence, HFSS, MATLAB, Wireless Insite (5G) and Silvaco TCAD Tools etc.

Weakness of the Department

1. Facility in PCB Lab of the department is not able to cater the present day requirement and needs updation for Design and Fabrication facility.
2. There is shortfall in faculty strength and the department needs more recruitment of regular faculties to meet the standard of student faculty ratio.
3. Dedicated project specific space facility of B.Tech. project Lab is needed in the department to accommodate the students.
4. General purpose labs for 2nd and 3rd year students are required to provide the basic training of MATLAB, Python etc. for industry readiness/requirement in the department.
5. ICT enabled projector facilities are required in every laboratory for better understanding of students.
6. Toilet facilities in the department is very insufficient for the available strength of students and is strongly recommended to have more toilets for boys, girls and faculty members separately.
7. Extension and expansion of departmental building is required in view of increase in student's strength.
8. Existing committee/conference room is very small. Large size conference room is required.

Recommendation

It is strongly recommended that:

1. The shortcomings / weakness of departmental facility may be removed at the earliest.
2. Six months'/Semester duration internship program for the B.Tech. as well as M.Tech. students at the various industries /Research Institutions may be included in academic activity.


(S. C. Yadava) 24.12.2019

Chairman, Departmental Advisory Committee,
Department of Electronics and Communication Engg.
MMMUT Gorakhpur (UP)

Mechanical Engineering Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: MECHANICAL ENGINEERING

Name of Expert: PROF. VINOD YADAVA

Designation: DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY,
HAMIRPUR

Address: DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY,
HAMIRPUR

Mobile No.: +91-8091700352

Email: director@nith.ac.in

I. Please write the strength of the Department:

Following are the strengths of the department:

1. Old and academically strong Department
2. Faculty members of the department have very good academic background in terms of qualification and Teaching & Research experience
3. Laboratory equipments are at par to best Institutions of India.
4. Young faculty members are dedicated to their job and having learning attitude.
5. Research environment of the department seems to be picking the pace.
6. The department has been known for good quality teaching and now adding research component also.

2. Highlight the weak points of the Department to be improved:

Suggestions for Improvement:

1. Recruitment of more permanent faculty rather than depending on adhoc/NPILU etc faculty.
2. Motivation and more encouraging attention is required for young faculty members of the department.
3. The administrative load of faculty members should be reduced so that they can spare more time for Teaching and Research.
4. Mechanical Workshop is the integral part of M&D which needs attention for its strengthening having diversified machines and equipments. It can be developed as Product Development Centre.
5. Laboratory equipments are good but efforts should be made to make them operational and with regular maintenances.
6. Quality publications of PhD Scholars should be improved rather than quantity publications.
7. Academic interaction of faculty with PG students and research scholars should be improved.
8. Organization of FDPs/STCs and Invited expert talk should be increased.
9. More involvement of department for Sponsored Research Projects and Industrial Consultancy Projects are required.
10. Efforts should be made for visibility of department for societal contribution to increasing sources people.

3. What are the opportunities to do the excellence?

Following are some of the opportunities:

1. Locational advantages can be taken because it is well connected to all parts of county.
2. Department has good strength in the area of Advanced Manufacturing and hence centre of excellence in that area can be established.
3. Department has strength to move in the area of "Materials and Manufacturing Research" to achieve excellence.

4. Please provide the threats in the current environment of engineering education:

Following are some of the threats:

1. Attracting good quality UG, PG & PhD Students.
2. Faculty retention.
3. Fund for creation of good research facilities.
4. Dilution of good quality teaching and giving more importance to research for the sake of research.

V. S.

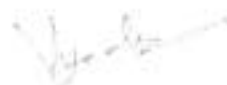
5. How your organization can help MMMUT?

Though NST Hamirpur is far away from MMMUT but we can establish good academic and research interactions at faculty and student level. NST Hamirpur is focussing in the following areas where possibilities can be explored for collaboration:

- (a) Very good Energy Technology centre having high end equipments related to Solar Systems.
- (b) Very good facility for Diagnostic and Maintenance of Transformer related equipments.
- (c) Good research facilities in the areas of Employment Engineering and Disaster Management.

6. Suggestions, if any:

I have written many suggestions but in my opinion it is more important to implement decisions of the university after critical analysis of suggestions given by outside experts;



(Signature of the expert)

Chemical Engineering Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: Chemical Engg Deptt.

Name of expert: SUDHANSHU PRASAD

Designation: Jt. General Manager.

Address: Ordinance Factory Nalanda
(M.O.D.)
Ratgir, Bihar

Mobile No.: 74 88 74 95 84

Email: SudhanShuPrasad.off@off.gov.in.

1. Please write the strength of the Department:

- Qualified faculty with Ph.D available in Deptt.
- Nice faculty student interaction & cohesive -ness.
- Number of publications with good impact factor Journal.
- Citation Index per publication is very nice

2. Highlight the weak points of the Department to be improved:

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- Shortage of technical staff ~~each~~^{for} lab should be ~~enhance~~ enhance.
- Number of equipments per laboratory ~~are~~ very less.
- There is urgent need to add more equipment in Chemical reaction Engg. and Process Dynamic & Control lab.
- Faculty/Student ratio is major concern and need to be improved in immediate basis.
- Some equipment set (i.e. Laminar flow) required dust free environments for getting good result.
- There is no Department library ~~then~~ Presently it to be established.
- Fire Extinguisher in laboratories are placed on surface. Stand ^{along with fire bucket} should be provided for each fire extinguish.
- During interaction with faculty and students, they are not satisfied in housing / accommodation.

3. What are the opportunities to do the excellence?

- Student should be encouraged to attend national, international Conference, Summer training.
- Curriculum should be more flexible to develop skill of the students.
- Patent type of work should be increased.

4. Please provide the threats in the current environment of engineering education:

- now days mushrooming of Engg. Colleges which leads delivering of quality of education is not up to mark (i.e. sub standard).
Some of my views for enhancing quality of education like: -

- 1) Project based learning help students to use their skills.
- 2) Student-faculty interaction should be enhanced.
- 3) ~~Eng~~ Semi/mini Project learning can be added in curriculum.

5. How your organization can help MMMUT?

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- Regular interaction with ~~other~~ ^{industry} / ^{stake} holders with MMMUT faculties / students.
- ⇒ Vocational training in our organization through proper channels.

6. Suggestions; if any :

- Application / uses of Webinars
- Part time course may be introduced as industrial requirement (like, Sugar technology, Alcohol technology).
- Wide choice of elective subject for students.


24/12/19
(Signature of the expert)

Physics & Material Science Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: *Physics and Material Sc. Deptt.*
 Name of expert: *Prof. R. A. Yadav*
 Designation: *Ex. Professor of Physics*
 Address: *2K, Singhania,
 P.O. - Kunraghat, Gorakhpur - 273008*
 Mobile No.: *85 63 87 8225*
 Email:

1. Please write the strength of the Department:

1. *Highly qualified Faculty members.*
2. *Guest faculty members are also Ph.D.*
3. *Sufficient number of research scholars*
4. *Number of publications / research papers*
5. *Number of books published*
6. *P.G. course in Physics.*
7. *Number of Research laboratories.*
 - (a) *Amorphous Semiconductor Lab.*
 - (b) *Computational Research Lab. (Condensed matter)*
8. *Laboratories for P.G. students.*

2. Highlight the weak points of the Department to be improved:

1. In view of the intake of U.G. and P.G. students, more number of qualified permanent faculty members are required.
2. More research facilities are required to combat the emerging problems in the area of research.
3. Departmental library is required to facilitate the students and faculty members of the department.
4. More research Journals should be subscribed for the department.
5. There is no seminar Hall in the department.
6. Refurbishment of Engineering Physics I and Engineering Physics-II lab. is required.
7. Less equipments in laboratories for P.G. students.

3. What are the opportunities to do the excellence?

1. Centre of higher research facilities may be developed in the department.
2. P.G. students may join the research institutions and industries for better R. & D.
3. Joint supervision of Ph.D. and P.G. students with the scientists and faculty members of leading institutions and Universities.
4. Centre for advanced studies.
5. Fund for improvement of Science and Technology infrastructure in the department.

4. Please provide the threats in the current environment of engineering education:

1. Students strength is poor.
2. Only the local students are taking admission in M.Sc. Physics programme.
3. Strength of male students is very less in comparison to female students.
4. P.G. students have less exposure to industry and research institutions.

5. How your organization can help MMMUT ?

6. Suggestions; if any :

1. There should be separate lecture class room for P.G. students.
2. The P.G. students should be specialised in more specialisations.
3. Research paper publication should be in more standard Journals.
4. Separate Departmental library and seminar rooms should be provided.
5. If possible more space should be provided for the department. Moreover, it is essentially required for the proper growth of the department.

Ravi - Das
(Signature of the expert)

Chemistry & Environmental Science Department

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: Chemistry
 Name of expert: Dr. Jai Deo Singh
 Designation: Professor
 Address: Chemistry Department
 Indian Institute of Technology Delhi
 New Delhi 110 016
 Mobile No.: 9560705225
 Email: jaideo@chemistry.iitd.ac.in

1. Please write the strength of the Department:

Syllabus for B.Tech. Course is well structured and faculty members are competent to handle the course at advance level. Nevertheless, laboratory space and modernization of experimental chemistry part is ^{much} concerned. New instrumentalations are well needed to advance the course as well make it competitive at both National & International levels.

Since, University is willing to start M.Sc. Courses, faculty strength, staff, instrumentation and laboratories space is well required prior to start.

2. Highlight the weak points of the Department to be improved:

Since University is going to start M.Sc. Courses
And may be in near future M.Tech. also,

In my opinion, separate laboratory facilities,
new faculty and ^{M.Sc. practical} laboratory is well needed for these
Advance Courses. All the three members are having
Specialization in organic Chemistry.

The M.Sc. Chemistry course is mainly
Components of physical/inorganic/analytical
and organic chemistry and recently
the environmental aspects.

At least, four new faculty members
in inorg/analyt./physical/environmental
should be recruited.

Even as, in beginning, guest-
teacher should be invited from
for teaching from premier institutions
/universities.

— Instrumental facilities should be
improved as chemistry part is much
more experimental.

— New lecture rooms are needed

3. What are the opportunities to do the excellence?

- Extended collaboration with National institutions/ Universities may be encouraged to extend possibilities of advance research.
- Lectures on certain topics may be arranged in time to time by inviting experienced teachers from IIT / IISER / Central Universities.
-

4. Please provide the threats in the current environment of engineering education:

Experimental Skills has to be developed in the competitive world.

More instrumental facilities must be included in these courses for the advancement of the ~~course~~ - Student Knowledge.

5. How your organization can help MMMUT ?

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Some of the faculty members may extend their cooperation by delivering lectures on selected topics on request or invitation.

6. Suggestions; if any :

For M.Sc. Courses:

Two Experimental Laboratories are essentially required

- (i) Physical / Analytical
- (ii) Organic / Inorganic

at least 6 Guest faculty (time being) are well needed to start the course, in particular, one for each subdivision of chemistry. i.e. two in physical, one in analytical, one in environmental and two in inorganic chemistry.

(Signature of the expert)

24 Dec. 2019

Mathematics and Scientific Computing

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: Mathematics and Scientific Computing
Name of expert: P. K. SINGH
Designation: Professor
Address: Department of Mathematics
University of Allahabad
Allahabad - 211002
Mobile No.: 9532 081225
Email: pramod_k_singh@rediffmail.com

1. Please write the strength of the Department:

1. Young qualified faculty members.
2. A conference room ~~with~~ ^{for} group discussion and presentations.
3. Wi-fi facility is available to all the members of the Deptt.
4. Separate cabins/rooms for faculty members which are re designed that Ph.D. holders can sit and work without any problem.

2. Highlight the weak points of the Department to be improved:

1. At least two class rooms are needed in the Department.
2. There is a grave need of Departmental library.
3. Presently the thrust thrust in Central library is on Engineering books. The number of books per student on a topic/paper needs to be increased.
4. Vacant faculty positions, must be filled.
5. There is no adequate space (ang) for guest faculty to sit and prepare lectures.
6. Ph.D. students are overburdened with teaching; they are engaged for theory classes also in addition to tutorials.
7. Though the teaching load remains the same, but the stipend is decreased to 50% of the actual in 2nd and subsequent years.
8. No licensed software like MatLab, Mathematica, or SPSS for the computational laboratory.
9. The course content in the Ph syllabus is slightly on heavier side (Students and teachers both agree mentioned).
10. Qualified and good guest faculty not available at the present payment structure.
11. Presently, no provision for any technical assistant in the existing (being developed) Computation Laboratory of the Dept.

3. What are the opportunities to do the excellence?

1. The computational laboratory should be dedicated for the Department of Mathematics and Scientific Computation only; It will serve as a sitting and reading as well as working place for Ph.D. students. It should be well equipped with ~~the~~ all the needed softwares.
2. The classes to Ph.D. students should be so scheduled that there is not much gap in his/her successive classes (allotted) so that the Ph.D. scholar has maximum time for the research work.
3. Research scholars should ~~not~~ be engaged for tutorials only.
4. The syllabus of Ph (maths) needs to be revised and, as per discussion with teachers, it should be made lighter.

4. Please provide the threats in the current environment of engineering education:

5. How your organization can help MMMUT ?

Regular contact and exchange of views
with the faculty members.

6. Suggestions; if any :

[Handwritten Signature]

(Signature of the expert)

Information Technology & Computer Application

PART – B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: ITCA

Name of expert: PUNEET VERMA

Designation: ASSOCIATE DIRECTOR, NAGARRO SOFTWARE

Address: E2-1604, VATIKA GURGAON 21, SEC. 83, GURGAON-122004

Mobile No.: +91 9873418763

Email: PUNEET.VERMA@NAGARRO.COM

1. Please write the strength of the Department:

- A. Highly motivational and supporting faculty: In the entire discussion I have seen a positive gesture of faculty to extend to any possible limits for overall growth of the college- be its infra, education style, curriculum amendments, student's personality development, placements, even eager to groom themselves for upcoming cutting-edge technologies. Much appreciated.
- B. Continuous engagement with Alumni for feedback: Constant touch with Alumni for continuous feedback and improvements. Have seen an action-oriented approach. Not rigid for a change.
- C. Student first approach: Efforts are being made to grow the student as learned individual. Extra classes have been taken for weak students to bring them to power.

2. Highlight the weak points of the Department to be improved:

- A. Department dedicated labs: Though the labs can be used in common but can see a high potential of having a dedicated laboratory for ITCA, as the entire learning curriculum required deep understanding of hands-on on technology.
- B. Move to more intuitive way of teaching: Industry is moving in the direction where overall personality development is given equally weightage- Just bookish knowledge will not suffice. Apart from the vanilla curriculum, there should be student owned seminars, hackathons, learning through industry experts (of renowned college or reputed employers). There should be a credit system attached with this in every semester that student need to score. This will help improve the confidence, communication skills, upgrading in latest technologies and market strategies. This need to be fixed at foundation where student should be encouraged to develop themselves as an individual rather than just an expert of one subject. If required, I can guide in this journey- maybe a trend setting for other universities.
- C. Branding committed need to be formulated: I can see the lack of good talent attracting. Strong focus on branding need to be made. There is quite a good stuff we are doing within the college vicinity, time to sell it now. Branding in terms of talent acquisition, values selling thru reimagining the website, newsletters, whitepapers publications etc.
- D. Collaboration b/w placement cell and department: Regular governance meetings/ joint committees b/w placement cell and department to understand the trend of the employers, what they are seeking and if the curriculum or extended learning can be tweaked in the direction of employer's vision. Ultimate goal and the key performance indicator are the % of placements- Can be achieved with agility in curriculum [base subjects can be retained, some credits can be reserved for flexible subject that can be changed basis need]
- E. Vision alignment: In several meetings I have seen there is a strong disconnect b/w vision of faculty and the students. Strong alignment is a need of time. Advised to have workshops with students, arrange open forums- speak your mind, Interactive session/ townhalls - may be in hostels where its important to understand what student is thinking and where a mind change is being required. Success can be only achieved when student and faculty have the same vision. Currently not in sync.

3. What are the opportunities to do the excellence?

- A. Student owned Seminars/ workshops- credit attached
- B. Collaboration with other institutions/ employers for webinars on cutting edge technologies and buzz words in market.
- C. Hackathons with prize money/ scholarship attached
- D. Engagement with Alumni for supporting internships and placements
- E. Regular townhalls b/w student and faculty
- F. Website revampings
- G. Enhance brand name through more effective marketing and communication

4. Please provide the threats in the current environment of engineering education:

- A. Loss of reputation: Low hopes of students of MCA to get placements from the college. Faculty connect is missing.
- B. Rapidly changing IT: Only fixed curriculum will not work.
- C. MCA is not seen as a preferred course both in faculty and students
- D. New competitors adding with same fees structure: Placement numbers can save the ship.

5. How your organization can help MMMUT?

- A. Support in intuitive learning: through webinars, expert sessions, upcoming buzz tech
- B. Training/ internships: Initial foundation need to be strong. Initial batches should be cream to make my employer realize the potential.
- C. Placements: We are targeting close to 10 placement per year.
- D. Subscriptions to code blogs and learning platforms.
- E. Even I can contribute the new way of working (WoW)-changing mindset from classical way of learning to intuitive one.

F. Suggestions; if any:

Already covered

Puneet Vema-

(Signature of the expert)

Humanities and Management Science

PART - B

(To be filled in by committee members)

Proforma of Departmental Report

Name of Department Visited: Humanities & Management Sciences

Name of expert: ANURAG ASHOK

Designation: ZBM, Bharati Airtel

Address: Buxipur Gorakhpur

Mobile No.: 9935099448

Email: anurag.ashok.aa@gmail.com

1. Please write the strength of the Department:

- Infrastructure in place
- New Building given
- Competent & willing to educate faculty

2. Highlight the weak-points of the Department to be improved:

- Permanent faculty (V.C Sir already has addressed this)
- We should look for getting "Research Scholars" for HMSD at Par with other dept.
- GD + PI Compulsory in Entrance
- The current non-PHD faculty to be allowed Part-time PHD.
- Faculty seating arrangement for a PC

3. What are the opportunities to do the excellence?

— Syllabus restructuring

- GD
- PD
- PI
- Case studies

All the above need to be Immediately involved.
into syllabus with 50/50 numbering structure.

— evaluation System to be dynamic
with the liberty to the faculty to change
as per necessities.

4. Please provide the threats in the current environment of engineering-education:

— The current batches have very low visibility to the external environment

Management — It has to be taught with a different flair of education.

It's an art not Science. The law of ~~relativity~~ ^{relativity} with context to a environment is the need.

Solutions

- Industrial Visits (These visits should be in offices & not to a factory)
- Guest lectures (Alumni can be helpful)
- Point/Topic wise lectures from experts

5. How your organization can help MMMUT ?

- Placements
- Guest lectures
- Point / Topic wise classes/lectures
(All without any charges)

6. Suggestions; if any :

Management has to be a entity and
Should ideally not to be taken as a
Subsidiary.

 24/12

(Signature of the expert)