



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

ANNUAL PROGRESS REPORT

For

(The Academic Year July 2017-June 2018)



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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Major Activities & Achievements (July 2017-June 2018)

The major accomplishments during the Academic Year are :

1. Initiatives for quality Improvement

- Establishment of an active **Internal Quality Assurance Cell (IQAC)**: Quarterly meetings held on regular basis, compliance reports uploaded on website
- Starting the practice of Academic and Administrative Audits, Energy Audit and Environmental Audit: 01 per semester
- Faculty and staff is being sent for attending short-term training programmes
- Faculty members being sponsored for attending conferences and seminars within India
- Norms for providing **Research Associate (RA) fellowships** with financial assistance from TEQIP-III in eligible departments have been formed and the programme will be started from Academic Session 2017-18.
- The All India Council of Technical Education (AICTE) has recognized the Institute as a research centre for the **National Doctoral Fellowship** Programme w.e.f. Academic session 2018-19.

2. Proposals for New Programmes approved by AICTE

The following new programmes were approved by the AICTE.

- New PG programme in Product Design (Intake: 18)
- Bachelor of Vocation (B. VOC) in Automotive Manufacturing Technology (Intake: 25)
- Bachelor of Vocation (B. VOC) in Graphics and Multimedia (Intake: 25)
- Bachelor of Vocation (B. VOC) in Travel And Tourism (Intake: 25)
- Bachelor of Vocation (B. VOC) in Medical Imaging Technology (Intake: 25)



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3. Research & Laboratory Modernization Grants by AICTE

- Faculty members were motivated to submit proposals for financial assistance to the Central Government
- Out of them, seven proposals worth Rs 62.0 Lac were sanctioned

4. Performance appraisal for Faculty & Staff

- **Career Advancement Scheme (CAS)** Implemented for the faculty
- Implementation of **Numerical Index** based appraisal for the staff
- Implementation of **Academic Performance Index (API)** based appraisal for the faculty
- A **Faculty Feedback Index** developed based on the 14-point on-line feedback collected from students twice in a semester

5. Implementation of Flexible Academic Curriculum

- Pioneering contribution at state level towards framing the scheme and structure of **Flexible Curriculum** based on AICTE Model Curriculum 2018, which will be implemented w.e.f. Academic Session 2018-19 as given below:

S. No.	Category	Credits proposed by AICTE	Component wise credit allotment	Number of courses
1	Humanities and Social Sciences including Management Courses (HSMC)	12**	12	04
2	Basic Science Courses (BSC)	25**	20	05
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc. (ESC)	24**	21	06
4	Departmental Core Courses (DC)	48**	52	13
5	Departmental Elective Courses relevant to specialization/branch (DE)	18**	20	06
6	Open Category- Electives from other technical and /or emerging subjects (OC)	18**	15	05
7	Project work, seminar and internship in industry or appropriate work place/ academic and research institutions. (DLC/SWAYAM/NPTEL/MOOC)	15**	22	13
8	Mandatory Course (MC)		08	03
	Total	160**	170	55 (+02 Audit)



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6. Pioneer at state level in starting an open-source learning management system

- The Institute MOODLE (Modular object-oriented dynamic learning environment) was launched on August 15th, 2017.
- Conducting on-line test/quiz, displaying learning material and notes, various OBE related feedbacks, on-line assignments, aptitude tests etc. is all being done through MOODLE resulting in enhanced efficiency, paper and time saving.
- MOODLE is also proving very useful in analysing the various academic feedbacks, preparation of reports and taking suitable corrective actions.

7. Initiatives for Academic Improvement

- Implementation of **Outcome Based Education (OBE)**
 - The Course Outcomes (COs) were written for each course and all question papers were mapped with COs.
 - The attainment of Course Outcomes (COs) was computed for all courses using direct (mid-term and end-term examination results) as well as indirect assessment on MOODLE
- Training the faculty for OBE
 - One-day workshop on Requirements & Preparation for 2nd Cycle Accreditation by NAAC on 23rd February 2018
 - Two-day workshop on "Effective Techniques of Question Paper Setting-An OBE Approach" organized under the IQAC at MITS, Gwalior during 7th -8th February 2018
 - AICTE-QIP Short-term Course (STC) from 10th March to 14th March 2018 on “Assuring Global Quality in Technical Education through Outcome Based Education” under the IQAC at MITS, Gwalior
- Conduction of on-line courses through the SWAYAM platform
 - To motivate students for self learning and to conduct the on-line classes using the NPTEL portal, one SWAYAM manager and a team of ten Swayam coordinators were appointed in October 2017.
 - With effect from January 2018 session, one SWAYAM course is being conducted against the self study/seminar/GD slot on trial basis (Registration is mandatory; appearing for on-line exam is optional)



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— The summary of On-line Courses conducted in the institute through SWAYAM/NPTEL portal

• Total number of students enrolled/registered in MITS	:	2019
• Total number of departments participated in NPTEL	:	11
• Total number of NPTEL courses run by the various departments	:	25
• Total number of faculty/SME's registered for NPTEL courses	:	60
• Total number of students filled NPTEL exam registration form	:	138
• Number of students appeared in Exam	:	130
• No of students qualified	:	119
• Elite + Gold Medal (score of 90% and above)	:	03
• Elite (score between 60% -89%)	:	80
• Successfully completed the course (score between 40% -59%)	:	36

8. Organization of Technical Events

- Coordination of a 15-day faculty development programme on "**Sustainability in Built Environment**" under the prestigious (Global Initiative of Academic Networks) **GIAN scheme of MHRD** with the help of a **faculty from Australia**
- Two-week Short term course on Sustainability in the Built Environment was organised by the Institute under the aegis of Global Initiative of Academic Network, an initiative of Human Resource Development, Govt. of India during 19th -30th March 2018.
 - Dr. Usha Iyer-Raniga (Foreign Expert), Associate Professor and Deputy Head, International, School of Property and Construction Management, RMIT University, Melbourne, Australia. Prof. Roshni Udyavar Yehuda (Indian Expert), Vice President, Sustainability, ICMQ Certification India Pvt. Ltd. and Dr. R. K. Pandit (Faculty from Host Institution), Director, MITS Gwalior & GIAN Course Coordinator were faculty for the short Term Course.
 - Total 29 participants from IIT, other reputed Institutions and the host institute attended this two-week short term course.



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- **Conduction of short-term training programmes for faculty members under the Quality Improvement Scheme (QIP) of GoI**
 - One-Week Short Term Course on “Assuring Global Quality in Technical Education through Outcome Based Education” during 10-14 March 2018 by IQAC of Institute. (35 participants)
 - One-Week Short Term Course on “Numerical Methods in Electromagnetics” during 27- 31 January 2018 by Department of Electronics Engineering. (31 participants)
 - One-week faculty development program (FDP) on “Optimization Techniques and its Engineering Applications” during 15-19 March 2018 by Department of Mechanical Engineering. (31 participants)
- **Conduction of events Under TEQIP-III**
 - CSE/IT department organised a workshop on "Big Data & Hadoop" during 20-21 March 2018 under TEQIP-III: (65 participants)
 - IET Student Chapter Organised a Students’ Sabha & One day workshop on Artificial Intelligence on 17th March 2018 under TEQIP-III: (80 participants)
 - A one-day workshop on Net Zero Buildings was organized on 20th March 2018 (28 participants)
- **Expert Lectures and Workshops on latest topics for students in all departments : 17 Nos**

9. Activities of Professional Society Chapters, Student Clubs and Sports

- **Sixty** student clubs were started this year to give personality development opportunities to the large number of students in the campus. Out of these, thirty clubs are established and have performed well; the others are also gearing up
- **Initiation of the Rotaract Club in the institute**
 - The Rotaract Club (a service club and partner organization of the international body ‘The Rotary Club’) was started in the institute on 28th May 2018. It is a service, leadership, professional and community service organization for young men and women between the ages 18–30. It focuses on the development of young adults as leaders in their communities and workplaces.
- In Academic Year 2017-18 more than 89 events were organized by the students under these Chapters & Clubs

10. Summer Internship Modules for the First Year Students

- Introduced for the first time the scheme for in-house internship of First Year Students



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- A total of 42 module of 60 hours each, spanning 15 days, have been developed by the different departments to provide hands-on training to the students in various areas

11. Initiation of Examination reforms

- Pioneer in initiating the digitization of examination in the state
- **Digitization of valuation:** As per the target, partial evaluation of answer sheets in the digital mode has been done for the April-May 2018 examination, on pilot basis.
- **Displaying Model Answer Sheet:** Model answer sheet is being prepared by the faculty members on the day of the examination and it is uploaded on MOODLE on the same day, so that students can review their performance.
- **Integrated valuation:** On a pilot basis, a few M.E./M.Tech papers are being evaluated by multiple valuers in the ongoing April-May 2018 examination.
- **On-line question paper feedback:** On-line question paper feedback is taken till 6.0 pm on the day of the examination to get students' opinion on the difficulty level, quality of the question paper and to know about the discrepancies if any.

12. Augmentation of the IT infrastructure

The following has been established for upgrading the IT infrastructure

- **Data Server:** to store various information about the Institute staff, academic related information, various documents in digitized form
- **IMS Server:** To store confidential examination data of the students, For Massive Open Online Courses (MOOCs), Accounts of students/staff, ,Lectures, assignments etc
- **Proxy Server** - To distribute controlled and monitored internet in the Institute.
- **Telnet Server** - to store various software that can be downloaded from anywhere in the LAN of the Institute
- **Linux Server** - To provide programming support for the students of the Institute

13. Infrastructure Development

- Commissioning of Boys' Hostel Phase-I
- Road development and surfacing



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- Faculty Resource Centre
- Conclave Centre
- Reorganization of spaces (4 new class rooms and 2 laboratories were added by reorganizing the existing spaces)
- Development of Business Incubation Centre for catering the needs of Start-ups, Innovations, Entrepreneurship Cell and Design Centre

14. Sports Activities & Achievements

- Winner of Inter Collegiate Volleyball Tournament
- Winner of Inter Collegiate Badminton Tournament(Both Men's and women's)
- Winner of Inter Collegiate Football Tournament
- Winner of Inter Collegiate Chess Tournament
- Winner of Inter Collegiate Table Tennis Tournament
- Runners up at Inter Collegiate Cross Country race
- Runners up at State level Basketball Tournament
- Winner of Nodal level Basketball tournament (Both Mens' and womens')

15. Diamond Jubilee Celebrations from 13th -15th November 2017

- A 3-day mega event was conducted to commemorate the diamond jubilee of the institute.
- The training and Placement Cell has successfully organised TEDxMITSG an independently organised event on 28th October, 2017 under the TEDx Club of MITS.
- The Industry Conclave on “**Industry Ready Professionals**” was highly successful in connecting the students with Industrial needs and the Professionals.
- The Alumni Meet organized on this occasion was highly successful and the first batch alumni were honoured.
- The **Founder's Day** was celebrated and awards were given to faculty and students for their achievements and contributions.
- The “**Meet Brothers Concert**” which attracted about a crowd of more than seven thousand was organized with great efficiency.
- MITS flag was launched on this occasion.



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16. Admission Branch Wise in UG & PG Year 2017-18

Admission Branch Wise in UG year 2017-18

S.No.	Intake	Branch	No. of Students																Total
			General		TFW		AIUR		GOI		Other State (PMSSS)		SC		ST		OBC		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	120	Civil Engineering	48	14	4	-	5	-	-	-	-	-	16	5	13	3	13	3	124
2	120	Mechanical Engineering	54	6	6	-	4	-	-	-	-	-	23	3	10	-	16	3	125
3	30	Biotechnology	14	3	-	-	-	-	-	-	-	-	1	-	-	-	3	-	21
4	60	Information Technology	21	8	3	-	3	-	-	-	-	-	12	1	-	-	13	2	63
5	60	Automobile Engineering	42	3	3	-	2	-	-	-	-	-	2	-	1	-	10	-	63
6	60	Chemical Engineering	27	6	3	-	1	1	-	-	-	-	4	-	-	-	15	2	59
7	120	Electrical Engineering	47	16	5	-	2	-	1	-	1	-	23	1	9	2	15	3	125
8	120	Computer Science & Engineering	45	15	6	-	4	1	-	-	-	-	25	5	9	-	11	5	126
9	40	Architecture	22	2	-	-	-	1	1	-	-	-	1	-	-	-	12	2	41
10	120	Electronics Engineering	62	16	4	-	5	1	-	-	-	-	17	4	-	1	10	4	124
11	60	Electronics & Telecommunication Engineering	29	8	-	-	2	1	-	-	-	-	7	-	-	-	14	1	62
	910	Total	411	97	34	-	28	5	2	-	1	-	131	19	42	6	132	25	933



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Admission Branch Wise in LT year 2017-18

S.No.	Intake	Lateral Entry Branch	No. of Students																Total
			General		TFW		AIUR		GOI		Other State (PMSSS)		SC		ST		OBC		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1		Civil Engineering	8	4	-	-	1	-	-	-	-	-	3	-	3	-	4	1	24
2		Mechanical Engineering	11	2	-	-	-	-	-	-	-	-	4	-	2	-	5	-	24
3		Information Technology	2	4	-	-	-	-	-	-	-	-	1	2	-	-	2	1	12
4		Automobile Engineering	10				1	-	-	-	-	-	-	-	-	-	2	-	13
5		Chemical Engineering	2	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	5
6		Electrical Engineering	8	4	-	-	-	-	-	-	-	-	3	1	2	1	4	1	24
7		Computer Science & Engineering	6	7	-	-	-	-	-	-	-	-	3	4	-	-	2	2	24
8		Electronics Engineering	4	3	-	-	-	-	-	-	-	-	3	1	-	-	4	1	16
9		MCA	6	4	-	-	-	-	-	-	-	-	1	1	-	-	5	1	18
		Total	57	29	-	-	2	-	-	-	-	-	18	9	8	1	29	7	160



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Admission Branch Wise in PG year 2017-18

S.No.	Intake	PGBranch	No. of Students																Total	
			General		TFW		AIUR		GOI		Other State (PMSSS)		SC		ST		OBC			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	25	M.E. Communication Control & Networking	4	12	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	19
2	25	M.E. Construction Tech. Mgmt	17	2	-	-	-	-	-	-	-	-	3	-	1	-	2	-	25	
3	5	M.E. Construction Tech. Mgmt (PT)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
4	25	M.E. Industrial Systems Drives	4	3	-	-	-	-	-	-	-	-	1	-	1	-	1	-	10	
5	7	M.E. Structural Engineering	1	3	-	-	-	-	-	-	-	-	-	1	-	-	2	-	7	
6	18	M.Tech. Microwave Engineering	1	5	-	-	1	-	-	-	-	-	1	-	-	-	-	-	8	
7	18	M.Tech. Production Engineering	6	2	-	-	-	-	-	-	-	-	3	1	-	-	-	-	12	
8	18	M.Tech. Computer Science & Technology	4	10	-	-	-	-	-	-	-	-	1	-	-	1	2	18		
9		MCA	6	4	-	-	-	-	-	-	-	-	1	1	-	-	5	1	18	
		Total	57	29	-	-	2	-	-	-	-	-	18	9	8	1	29	7	160	



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U.G.Admission Year 2017-18 (State & Category Wise)

S. No.	Branch U.G	No. of Students								Total	No. of Students								Total	Grand Total
		M.P. State									Other States									
		General		SC		ST		OBC			General		SC		ST		OBC			
		M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F		
1.	Civil	60	18	19	05	16	03	18	03	142	06	-	-	-	-	-	-	-	06	148
2	Mechanical	71	08	27	03	12	-	21	03	145	04	-	-	-	-	-	-	-	04	149
3	Biotech	14	03	01	-	-	-	03	-	21	-	-	-	-	-	-	-	-	-	21
4	I.T	26	12	13	03	-	-	15	03	72	03	-	-	-	-	-	-	-	03	75
5	Automobile	55	03	02	-	01	-	12	-	73	03	-	-	-	-	-	-	-	03	76
6	Chemical	32	07	04	-	01	-	16	02	62	01	01	-	-	-	-	-	-	02	64
7	Electrical	60	20	26	02	11	03	18	05	145	04	-	-	-	-	-	-	-	04	149
8	C.S.E	57	22	28	09	09	-	12	08	145	04	01	-	-	-	-	-	-	05	150
9	Architecture	22	02	01	-	-	-	12	02	39	01	01	-	-	-	-	-	-	02	41
10	Electronics	70	19	20	05	-	01	14	05	134	05	01	-	-	-	-	-	-	06	140
11	E.T	29	08	07	-	-	-	14	01	59	02	01	-	-	-	-	-	-	03	62
	Total	496	122	148	27	50	07	155	32	1037	33	05	-	-	-	-	-	-	38	1075



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P.G.Admission Year 2017-18 (Category Wise)

S. No.	Branch P.G.	General		SC		ST		OBC		Total	General		SC		ST		OBC		Total	Grand Total
		M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F		
1	(Civil) P.H.E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	(EE) Meas. & Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	(Civil) Structural	3	1	-	1	-	-	2	-	7	-	-	-	-	-	-	-	-	-	7
4	(Mechanical) Material Handling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	(Mechanical) Production	6	2	3	1	-	-	-	-	12	-	-	-	-	-	-	-	-	-	12
6	I.T.	7	5	2	1	-	-	1	1	17	-	-	-	-	-	-	-	-	-	17
7	Chemical	1	-	-	1	-	-	1	2	5	-	-	-	-	-	-	-	-	-	5
8	(Civil) C.T.M.	22	2	3	-	-	-	2	-	29	-	-	-	-	-	-	-	-	-	29
9	(Electrical) I.S.D.	4	3	1	-	1	-	1	-	10	-	-	-	-	-	-	-	-	-	10
10	(Electronics) Microwave	1	5	1	-	-	-	-	-	7	1	-	-	-	-	-	-	-	1	8
11	C.S.E.	4	10	1	-	-	-	1	2	18	-	-	-	-	-	-	-	-	-	18
12	(CSE) Cyber Security	4	3	-	2	-	-	-	-	9	-	-	-	-	-	-	-	-	-	9
13	(Electronics) C.C.N.	4	12	-	-	-	-	1	2	19	-	-	-	-	-	-	-	-	-	19
14	Biotechnology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	(Civil) Environment	11	-	-	1	-	-	5	1	18	-	-	-	-	-	-	-	-	-	18
16	Geo Informatics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Urban Management(M. Arch)	6	7	1	-	-	-	3	1	18	-	-	-	-	-	-	-	-	-	18
18	M.C.A	19	9	-	-	-	-	7	-	35	3	1	-	-	-	-	-	-	4	39
19	M.C.A LT.	6	4	1	1	-	-	5	1	18	-	-	-	-	-	-	-	-	-	18
	Total	98	63	13	8	1		29	10	222	4	1							5	227



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P.G. Admission Year 2017-18 (Total MCA with LT Students)

S.No.	Branch P.G	SC		ST		Other/OBC/UR		Other/OBC/UR /Total	Total
1.	M.C.A / LT. MCA	01	01	-	-	40	15	55	57

P.G. Admission Year 2017-18 (Civil M.E. CTM (Part Time))

S.No.	Branch P.G	SC		ST		Other/OBC/UR		Other/OBC/UR /Total	Total
1	(Civil) C.T.M PT	-	-	-	-	05	-	05	05

No. of faculty from the Institution who are Ph. D. Guides, students registered under them and awarded by faculty from the Institution (2017-18)

Department	No. of Faculty who are Ph.D. Guides	Registered Students	No. of Students Ph.D. Awarded
Civil Engineering	02	01	-
Mechanical Engg.	03	09	01
Electrical Engg.	04	26	02
Electronics Engg.	03	17	-
CSE/IT	02	11	-
Chemical	01	01	-
Biotechnology	01	02	-
Applied Sciences	01	01	01
Architecture	02	06	-
MCA	01	03	-
Total	20	77	04



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1. RESULT SUMMARY

Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks	
Civil Engineering							
B.Tech.	UG	1 st	122	54	44.26	-	
		2 nd	120	83	69.17	-	
B.E.		3 rd	134	93	69.40	-	
		4 th	140	112	80.00	-	
		5 th	137	105	76.64	-	
		6 th	140	113	80.71	-	
		7 th	140	120	85.71	-	
		8 th	113	105	92.92	-	
M.E. (CTM)	PG	1 st	24	19	79.16	-	
		2 nd	21	15	71.43	-	
		3 rd	18	16	88.88	-	
M.E. (STR)		1 st	07	06	85.71	-	
		2 nd	07	06	85.71	-	
		3 rd	05	05	100.00	-	
M.Tech. (ENV)		1 st	16	10	62.50	-	
		2 nd	15	09	60.00	-	
		3 rd	08	08	100.00	-	
Mechanical Engineering/Automobile Engineering							
B.Tech. Mechanical Engineering		UG	1 st	124	72	58.06	-
			2 nd	117	101	86.32	-
B.E. Mechanical Engineering	3 rd		154	79	51.30	-	
	4 th		136	90	66.17	-	
	5 th		134	125	93.28	-	
	6 th		134	126	94.02	-	
	7 th		125	108	86.40	-	
	8 th		125	124	99.20	-	



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Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
B.Tech. Automobile Engineering	UG	1 st	63	22	34.92	-
		2 nd	61	34	55.73	-
B.E. Automobile Engineering		3 rd	74	28	37.84	-
		4 th	65	39	60.00	-
		5 th	55	44	80.00	-
		6 th	59	53	89.83	-
M.E. (Production Engineering)	PG	1 st	12	10	83.33	-
		2 nd	13	11	84.64	-
		3 rd	17	16	94.12	-
Electrical Engineering						
B.Tech.	UG	1 st	122	97	79.51	-
		2 nd	119	83	69.00	-
B.E.		3 rd	153	132	86.27	-
		4 th	162	122	75.00	-
		5 th	125	112	91.06	-
		6 th	125	96	76.00	-
		7 th	125	111	88.80	-
		8 th	135	130	96.00	-
M.E. (ISD)	PG	1 st	12	05	41.67	-
		2 nd	9	7	77.00	-
		3 rd	18	17	94.44	-
M.E. (MAC)		3 rd	10	10	100.00	-
Electronics Engineering (EC/ET)						
B.Tech. : (EC) (ET)	UG	1 st	124	103	83.06	-
			61	50	81.97	-
2 nd		123	92	74.80	-	
		60	42	70.00	-	
B.E: (EC) (ET)	3 rd	156	110	70.51	-	
		50	33	66.00	-	



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Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks	
B.E: (EC) (ET)	UG	4 th	134	115	85.82	-	
			61	53	86.88		
5 th		121	89	73.55	-		
		56	38	67.86			
B.E: (EC)		6 th	135	112	82.96	-	
		7 th	121	94	77.69	-	
		8 th	123	117	95.12	-	
M.Tech. (Microwave)		PG	1 st	12	04	33.33	-
	2 nd		19	13	68.42	-	
	3 rd		15	15	100.00	-	
M.E. (CCN)	1 st		23	10	43.48	-	
	2 nd		28	19	67.86	-	
	3 rd		24	23	95.83	-	
CSE/IT							
B.Tech. – CSE	UG		1 st	126	111	88.09	-
			2 nd	125	94	75.20	-
B.E. – CSE		3 rd	147	109	74.14	-	
		4 th	146	108	73.97	-	
		5 th	131	113	86.25	-	
		6 th	131	122	93.12	-	
		7 th	119	117	98.31	-	
		8 th	104	104	100.00	-	
B.Tech. - IT		1 st	63	50	79.36	-	
		2 nd	62	50	80.64	-	
B.E. - IT		3 rd	71	50	70.42	-	
		4 th	72	56	77.77	-	
		5 th	63	51	80.95	-	
		6 th	66	61	92.44	-	



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Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
B.E. - IT	UG	7 th	64	62	96.87	-
		8 th	62	62	100.00	-
M.Tech.- (CSE)	PG	1 st	17	12	70.58	-
		2 nd	17	14	82.35	-
		3 rd	14	12	85.71	-
M.Tech.- (IT)		1 st	15	9	60.00	-
M.Tech.- IT	PG	2 nd	14	09	64.28	-
		3 rd	7	6	85.71	-
M.Tech.- (CYB)		1 st	8	4	50.00	-
		2 nd	07	05	71.42	-
		3 rd	15	12	80.00	-
Chemical Engineering						
B.Tech.	UG	1 st	60	28	46.67	-
		2 nd	57	50	87.72	-
B.E.		3 rd	57	46	80.70	-
		4 th	61	49	80.33	-
		5 th	49	34	69.39	-
		6 th	53	51	96.23	-
		7 th	54	42	77.78	-
		8 th	57	56	98.25	-
M.Tech. (CH)	PG	1 st	04	04	100.00	-
		2 nd	04	04	100.00	-
		3 rd	01	01	100.00	-
Biotechnology						
B.Tech.	UG	1 st	20	15	75.00	-
		2 nd	20	16	80.00	-
B.E.		3 rd	11	10	90.00	-



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Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
B.E.	UG	4 th	09	07	77.00	-
		5 th	7	7	100.00	-
		6 th	7	7	100.00	-
		7 th	17	17	100.00	-
		8 th	17	17	100.00	-

Humanities						
Programme	Course (UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
B.TECH. (CE/ME/CM/AU/BT)	Technical English (UG)	1 st	389	307	78.92	-
B.TECH. (EE/EL/ET/CS/IT)		2 nd	489	453	92.64	-
B.E. BEEL501	PMME (UG)	5 th	123	123	100.00	-
B.E. BELL501			121	121	100.00	-
B.E. BETL501			56	56	100.00	-
B.E. BCSL501			131	131	100.00	-
B.E. BITL501			63	63	100.00	-
B.E. BCEL501		6 th	140	139	99.29	-
B.E. BMEL501			134	133	99.25	-
B.E. BAUL501			59	59	100.00	-
B.E. BCML501			53	53	100.00	-
B.E. BBTL501			07	07	100.00	-



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(JULY- DECEMBER 2017)

Applied Sciences						
Programme	Code/ Sem	Subject Type	Name of Subject	Pass	Appeared	Pass%
B.Tech. (CE, ME, CM, AU, BT) (JULY- DECEMBER 2017)	100102 I sem	Theory End Sem	Engg. Mathematics-I	307	389	78.92
BE III sem (CE)	BCEL-301	Theory End Sem	Mathematics-III	111	134	82.84
BE III sem (ME)	BMEL-301			140	140	100.00
BE III sem (CS)	BCSL-301			129	147	87.76
BE III sem (IT)	BITL-301			61	71	85.92
BE III sem (BT)	BBTL-301			7	9	77.78
ME/ M.TECH 1 st SEM (CH, ISD, IT, CCN, MW, CSE, CY)	CH 650101			Theory End Sem	Advanced Mathematics	4
	ISD 580101	7	10			70.00
	IT 630101	9	15			60.00
	CCN 600101	13	18			72.22
	CSE 620101	14	17			82.35
	CY 640101	4	8			50.00
	MW 610101	5	7			71.43
MCA I st SEM	680102	Theory End Sem	Mathematical Foundation of Computer Science	38	38	100.00
MCA III SEM	680301/ MCA 301	Theory End Sem	Computer Oriented Optimization	54	68 (including back students)	79.41
B.Tech. Ist year (CSE/ ET/IT/ EE/ EL)	100201	Theory End Sem	Engg. Physics	481	496	96.98
B.Tech. Ist year (CE, ME, CM, AU, BT)	100101	Theory End Sem	Engg. Chemistry	240	389	61.70

Action/Measures Taken for Improvement :

In order to improve the results, Remedial/Bridge classes are being organized in the current semester (Jan-Jun 2018) for the students who have not been able to clear the subjects. Regular counselling and mentoring of students are being done by the faculty to improve and enhance their subjective knowledge so that the students could perform better in the upcoming examination.



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(JAN-JUNE 2018)

Applied Sciences						
Programme	Code/ Sem	Subject Type	Name of Subject	Pass	Appeared	Pass%
B.Tech. Ist SEM (CS, EE, ET, IT, EL)	100102 II sem	Theory End Sem	Engg. Mathematics-I	424	489	86.70
BE IV sem (AU)	BAUL-401	Theory End Sem	Mathematics-III	59	65	90.77
BE IV sem (EE)	BEEL-401			135	146	92.47
BE IV sem (EL)	BELL-401			130	140	92.86
BE IV sem (ET)	BETL-401			43	47	91.49
BE IV sem (CH)	BCHL-401			53	56	94.64
BE IV Sem (CS)	BCSL-401		Discrete Structure	140	146	95.89
BE IV sem (IT)	BITL-401		70	72	97.22	
BE II sem (MCA)	MCA-680204		Theory End Sem	Computer Oriented Numerical & Statistical Methods	29	35
ME/M.TECH II nd SEM	520203 (Structural Engg.)	Theory End Sem	Higher Numerical Analysis	7	7	100.00
	560202 (Production Engg.)		Advanced Statistical & System Reliability	10	12	83.33
B.Tech. Ist year II SEM (CE, ME, CM, AU, BT)	100201	Theory End Sem	Engg. Physics	311	375	82.93
B.Tech. I st year (CSE/ ET/IT/ EE/ EL)	100101	Theory End Sem	Engg. Chemistry	414	489	84.60



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MCA

Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
MCA	PG	1 st	38	29	76.30	-
		2 nd	35	29	82.80	-
		3 rd	62	47	75.80	-
		4 th	62	52	83.80	-
		5 th	63	60	95.20	-
		6 th	62	62	100.00	-

ARCHITECTURE

Programme	Course(UG/PG)	Semester	Appeared	Passed	% of passed	Remarks
B . Architecture Dec. 2017	UG	1 st	41	37	90.24	-
		2 nd	41	40	97.56	-
		3 rd	38	35	92.1	-
		4 th	39	37	94.87	-
		5 th	27+2	27+1	100	-
		6 th	30	30	100	-
		7 th	40	37	92.5	-
		8 th	40	40	100	-
		9 th	37	37	100	-
		10 th	37	37	100	-
Masters of Urban Planning Dec. 2017	PG	1 st	18	16	88.88	-
		2 nd	17	17	100	-
		3 rd	15	14	93.33	-



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2. ACADEMIC ACTIVITIES CONDUCTED (STTP, WORKSHOPS, SEMINARS, AND CONFERENCES)

S.No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants
Civil Engineering					
1.	Workshop	Earthquake Resistant Design of Structures through Base isolation at (Amity University Madhya Pradesh Gwalior)	31/08/2017	Dr. S.K. Jain	--
Mechanical Engineering					
	Workshop	Multi Physics Simulation Capability of ANSYS	24, Feb 2018	Mr. Aslam	56
1.	Faculty Development Programme	Optimization Techniques and its Engineering Applications	15-19, Mar 2018	Prof. Raghunandan Sen Gupta Prof. Shiv Prasad Yadav Prof. Rajesh Kumar Dr. Balaji R Dr. S.K. Gupta	31
2.	Workshop	Net Zero Energy Building	20, March 2018	Prof. Roshini Udyavar Yehuda	40
3.	Workshop	Additive Manufacturing	29, Apr 2018	Mr. Deepak Bora Ms. Shalini Jain	25
Electronics Engineering					
1.	Workshop	LT Spice, Every Circuit and MATLAB.	14 March to 16 March 2018	Dr. Vandana Vikas Thakare	All B.Tech.
2.	Workshop	Advanced robotics	9/9/17-10/9/17	Dr. Vandana Vikas Thakare	All B.Tech.
3.	STTP	Numerical Methods In Electromagnetic during	27 th -Jan-2018 to 31 st -Jan-2018	Dr. P. L. Zade, Dr. Mithlesh Kumar Dr. Jagdish Bansal, Dr. O. S. Lamba, Dr. P. K. Singhal, Dr. Rekha Gupta, Dr. Bimal Garg Dr. V. Thakare, Dr. Laxmi Shrivastav	25



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S.No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants
CSE/IT					
1	Two Days Workshop	Big Data and Hadoop	20-21 March 2018	1.Anand kumar Pandey, Morling pvt Ltd, Noida 2. Abhinav Pundir, Morling pvt Ltd, Noida	65
S.No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants
2	Summer Course through National Knowledge Network (NKN) in Collaboration with E & ICT Academy IIITDM Jabalpur (Proposed)	ANN and Deep Learning	11-15 June 2018	1. Prof. Aparajita Ojha, IIITDM Jabalpur 2.Dr. R. Padmavathy, NIT Warangal 3.Prof. Rohit Sinha, IIT Guwahati 4.Dr. Santosh Vipparthi, MNIT Jaipur 5. Dr. J. P. Singh, NIT Patna	20 (expected)
3	Summer Course through National Knowledge Network (NKN) in Collaboration with E & ICT Academy IIITDM Jabalpur (Proposed)	Internet of Things (IoT)	18-22 June 2018	1.Dr. Raju Bhukya, NIT Warangal 2.Dr. A. Gosh & Dr. Bharat Gupta, NIT Patna 3.Dr. Santosh Biswas, IIT Guwahati 4.Prof. P. N. Kondekar, IIITDM Jabalpur 5.Dr. Arka P. Mazumdar, MNIT Jaipur	20 (expected)

MCA

- a. Diksha Kushwah from MCA II year won the X-CALIBRE national level mock campus test organized by ISTE students' chapter.
- b. SPELL BEE contest was organized by the students of MCA II year for all the MCA students.
- c. Meeting of faculty and students was conducted on 28.03.18 for their feedback and suggestions for further improvements.



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ENTREPRENEURSHIP DEVELOPMENT CELL

S. No.	Name of Activity	Sponsoring Agency	From	To	No of Participants
01.	Entrepreneurship Development Programme (EDP) at Gwalior	DST, New Delhi	28.07.2017	07.09.2017	25
02.	Entrepreneurship Development Programme (EDP) at Shivpuri	DST, New Delhi	01.08.2017	11.09.2017	25
03.	Technology Based Entrepreneurship Development Programme (TEDP) on Computer Hardware Assembling, Technology and Maintenance Technology	DST, New Delhi	25.08.2017	06.10.2017	25
04.	Technology Based Entrepreneurship Development Programme (TEDP) on Computer Hardware Assembling, Technology and Maintenance Technology	DST, New Delhi	14.11.2017	26.12.2017	25
05.	Faculty Development Programme (TTTP)	DST, New Delhi	07.10.2017	23.10.2017	31
06.	Faculty Development Programme (TTTP)	DST, New Delhi	06.01.2018	19.01.2018	30
07.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	09.08.2017	11.08.2017	80
08.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	22.08.2017	24.08.2017	80
09.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	28.08.2017	30.08.2017	80
10.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	12.09.2017	14.09.2017	80
11.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	25.09.2017	27.09.2017	80
12.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	31.10.2017	01.11.2017	80
13.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	01.11.2017	03.11.2017	80
14.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	23.11.2017	25.11.2017	80
15.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	07.12.2017	09.12.2017	80
16.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	01.02.2018	03.02.2018	80
17.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	06.02.2018	08.02.2018	80
18.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	06.02.2018	08.02.2018	80
19.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	15.02.2018	17.02.2018	80
20.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	19.02.2018	21.02.2018	80
21.	Entrepreneurship Awareness Camp (EAC)	DST, New Delhi	22.02.2018	24.02.2018	80



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S. No.	Name of Activity	Sponsoring Agency	From	To	No of Participants
Mukhya Mantri Kaushal Samvardhan Yojana (MMKSY)					
22.	Domestic Date Entry Operator	DTE, New Delhi	14.09.2017	14.02.2018	30
23.	Domestic Date Entry Operator	DTE, New Delhi	14.09.2017	14.02.2018	30
24.	Field Technician –AC	DTE, New Delhi	16.10.2017	14.02.2018	30
25.	Field Technician –AC	DTE, New Delhi	01.11.2017	28.02.2018	30
26.	Field Technician- AC	DTE, New Delhi	01.03.2017	28.06.2018	20
Pradhan Mantri Kaushal Vikas Yojana (PMKVY-TI)					
27.	Domestic Data Entry Operator	AICTE, New Delhi	15.12.2017	04.05.2018	25
28.	Field Technician – Computing and Peripherals	AICTE, New Delhi	15.12.2017	22.03.2018	25
29.	Mobile Phone Hardware Repair Technician	AICTE, New Delhi	15.12.2017	09.04.2018	25
30.	Field Technician Air Conditioner	AICTE, New Delhi	15.12.2017	09.04.2018	25
31.	Assistant Electrician	AICTE, New Delhi	18.12.2017	05.05.2018	25
Kaushal and Placement Rozgar Prashikshan Karyakram – DAY NULM					
31.	Computer Hardware Assistant	Municipal Corporation, Gwalior	24.01.2018	07.07.2018	19
32.	Maintenance of Personal Electronic Device (Mobile Phone)	Municipal Corporation, Gwalior	24.01.2018	07.07.2018	20
33.	Web Designer and Publisher Assistant	Municipal Corporation, Gwalior	27.02.2018	02.03.2019	19
34.	Repairing and Maintenance of Domestic Electronics Application (AC/Ref)	Municipal Corporation, Gwalior	27.02.2018	02.03.2019	23
35.	Three Day Zonal Level Workshop on Polymer and Chemical Based Industries under PCBI Scheme at Gwalior.	KVIC, Mumbai	22.03.2018	24.03.2018	110



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3. FACULTY SENT FOR TRAINING/CONFERENCE/WORKSHOP ETC.

S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
Civil Engineering					
1	Prof. Aditya Agrawal	Foundation course on human value & professional ethics	K D.K. College of Engineering, Nagpur	18-22 Dec, 2017	5 days
2	Dr. Rajeev Kansal	Induction programme for new students (under TEQIP-III)	SGSITS, Indore (M.P.)	22 – 24 sep. 2017	3 days
3	Prof. A. Tiwari , Dr. R. Kansal, Dr. S.K. Jain , Dr. M.K. Trivedi, Dr. S. Tiwari, Prof. A.K. Saxena, Prof. D. Rastogi, Prof. A.K. Agarwal	STTP on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITS Gwalior	10.03.2018 to 14.03.2018	5 days
4	Prof. Gautam Bhadoriya, Prof. A.K. Dwivedi	FDP on “Optimization Techniques and its Engineering Applications”	MITS Gwalior	15 th - 19 th March 2018	5 days
5	Dr. R. Kansal, Prof D. Rastogi, Prof A.K. Saxena, Prof. Aditya Agrawal, Prof Nupur Verma	Gian course on Suitability in the Built Environment	MITS, Gwalior	19 to 30 th march 2018	Two weeks
6	Prof. Shivendra S. Kushwah	Recent Advances in Civil, Structural and Geotechnical Engineering for Infrastructure Development-1 (RACSGEID-2017)	IGS Jaipur Chapter Department of Civil Engineering	23 Sept. 2017 to 24 Sept. 2017	2 days
7	Prof. A. Tiwari , Dr. S.K. Jain , Dr. M.K. Trivedi, Dr. S. Tiwari , Prof. A.K. Saxena , Prof. A.K. Dwivedi Prof. G. Bhadoria	Summer Training Program on Active Learning	IIT Indore , Department of Civil Engineering	25 June to 29 June 2018	5 days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
Mechanical Engineering					
1.	Dr. Dharmendra Jain	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
2.	Prof. Utkarsh Srivastav	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
3.	Prof. Ajay Singh Rajput	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
4.	Prof. Deepak Kumar	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
5.	Pro. Krishan Kumar Yadav	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
6.	Prof Subash Chand Pal	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
7.	Prof. Sumeet Kumar Singh	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
8.	Prof. Dilip Kumar Verma	Faculty Induction Program	IIT Hyderabad	25-01-2018 To 29-01-2018	5 Days
9.	Prof. Shubham Srivastava	Faculty Induction Program	IIT Kanpur	09-02-2018 To 13-02-2018	5 Days
10.	Prof. Shubham Srivastava	Short Term Course	SATI, Vidisha	11-05-2018 To 15-05-2018	5 Days
11.	Prof. M.K. Sagar	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
12.	Prof. Pratesh Jayaswal	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
13.	Prof. C.S. Malvi	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
14.	Prof. R.P. Kori	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
15.	Prof. Vedansh Chaturvedi	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
16.	Prof. Dinesh Kasdekar	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
17.	Prof. Sharad Agarwal	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
18.	Prof. Vaibhav Shivhare	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
19.	Dr. Amit Aherwar	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
20.	Prof. Bhupendra Pandey	Summer training program	IIT, Indore	18-06-2018 To 22-06-2018	1 week
21.	Dr. Jyoti Vimal	Foundation course of Human values and professional ethics	KDK, Nagpur	18-12-2017 To 22-12-2017	1 week
22.	Dr. Dharmendra Jain	Teachers training program	NITTTR, Bhopal	25-06-2018 To 29-06-2018	1 week
23.	Prof. Krishan Kumar Yadav	Teachers training program	NITTTR, Bhopal	25-06-2018 To 29-06-2018	1 week
24.	Prof. Krishan Kumar Yadav	Induction Program	SGSITS, Indore	04-06-2018 To 06-06-2018	03 Days
25.	Prof. M.K. Sagar	Faculty development programme	DTU, Delhi	04-06-2018 To 08-06-2018	05 Days
Electrical Engineering					
1.	Dr. Laxmi Srivastava	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	Engineering Staff College of India (ESCI), Hyderabad	05 – 08 June 2018	One week
2.	Dr. Manjaree Pandit	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	Engineering Staff College of India (ESCI), Hyderabad	05 – 08 June 2018	One week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
3.	Prof. Ashis Patra	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITS Gwalior	10-14 March 2018	One Week
4.	Prof. Ashis Patra	Short term course on Optimization Technique And its Engineering Applications	MITS Gwalior	15-19 March 2018	One Week
5.	Prof. Ashis Patra	Workshop on Digital Judiciary	MITS Gwalior	15-April 2018	One Day
6.	Dr. Hari mohan dubey	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	Engineering Staff College of India (ESCI), Hyderabad	05 – 08 June 2018	One week
7.	Dr. Shishir Dixit	Short term course on Optimization Techniques and its Engineering Applications	MITS, Gwalior	15-19 March 2018	One Week
8.	Prof. Rakesh Narvey	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two Day
9.	Prof. Rakesh Narvey	Short term course on Emerging trends in Internet of things (IOT) and Cyber Security Applications in Smart Grid.	DTU New Delhi	12 – 16 March 2018	One week
10.	Prof. Himmat Singh	IEEE Int. Conf. on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)	Saveetha Engg. College, Chennai, Tamil Nadu	21-22 September, 2017	Two Days
11.	Prof. Himmat Singh	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two Week
12.	Dr Vijay Bhuria	Faculty Mentors on Induction Programme for new students	SGSITS, Indore	22-24 September 2017	Three Days
13.	Dr Vijay Bhuria	South Asian Community Volunteer Conference (SA CVC 2018)	Mahabalipuram CHENNAI	2-3 February 2018	Two Days
14.	Dr Vijay Bhuria	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
15.	Dr Vijay Bhuria	Short term course on Optimization Techniques and its Engineering Applications	MITS, Gwalior	15-19 March 2018	One Week
16.	Dr Vijay Bhuria	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two Week
17.	Prof. Kuldeep Swarnkar	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two Day
18.	Prof. Kuldeep Swarnkar	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITS, Gwalior	10-14 March 2018	One week
19.	Prof. Praveen Bansal	National workshop on Power Electronics (NWPE-2017)	IIT, Roorkee India	9-11 October 2017	Three Days
20.	Prof. Praveen Bansal	National Workshop on <i>Industries Innovators Entrepreneurs Facilitators and Academia</i> IIEFA-2017	Vigyan Bharati Bhopal	23 -24 September 2017	Two Days
21.	Prof. Vishal Chaudhary	IET Student Chapter activity Present Around The World Competition 2017	Amity University Noida	15 July 2017	One Day
22.	Prof. Vishal Chaudhary	Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	NIT, Kurukshetra, Haryana	13-17 January 2018	One Week
23.	Prof. Vishal Chaudhary	AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	MITS, Gwalior	27-31 January 2018	One Week
24.	Prof. Vishal Chaudhary	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two Days
25.	Prof. Vishal Chaudhary	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITS, Gwalior	10-14 March 2018	One week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
26.	Prof. Vishal Chaudhary	Workshop on "Swarm and Evolutionary Algorithms: Theory and Applications"	IIT Roorkee	17-18 March 2018	Two Day
27.	Prof. Vishal Chaudhary	National Conference on Intellectual Property and Entrepreneurship	IIT Roorkee	19 March 2018	One Day
28.	Dr. A.K. Wadhvani	Short Term Training Course on Advanced Biological and Chemical Understanding of Disease and Therapeutics	IIT Indore	22-24 June 2018	Three Days
29.	Dr. A.K. Wadhvani	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
30.	Prof. Ashish Patra	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
31.	Dr. Sulochana Wadhvani	Workshop on Outcome Based education for engineering programs	AICTE New Delhi	08-09 February 2018	Two Days
32.	Dr. Sulochana Wadhvani	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
33.	Dr. Shishir Dixit	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
34.	Prof. Rakesh Narvey	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
35.	Prof. Himmat Singh	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
36.	Dr. Vijay Bhuria	IET Student Chapter activity Present Around The World Competition 2017	Amity University Noida	15 July 2017	One Day
37.	Dr. Vijay Bhuria	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
38.	Prof. Kuldeep Swarnkar	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
39.	Prof. Praveen Bansal	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week
40.	Prof. Vishal Chaudhary	Summer Training Programme on Active Learning for Senior Faculty	IIT Indore	18-22 June 2018	One week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
41.	Prof. Punjan Dohre	Faculty Induction Program	IIT Kanpur	09–13Feb., 2018	One week
42.	Prof. Punjan Dohre	TEQIP Workshop on Biomimetics and Biological Soft Materials	IIT Hyderabad	27 -30 June, 2018	One week
Electronics Engineering					
1.	Dr. Laxmi Shrivastava	Workshop on wireless sensor network.	IIT (ISM) Dhanbad	18-22nd December 2017.	One week
2.	Prof. Deep Kishore Parsediya	Foundation course on Human values and professional ethics.	KDK College of Engineering, Nagpur	18th to 22nd Dec. 2017.	One week
3.	Dr. Karuna Markam	Training programme on Gender Responsive Planning and Budgeting and Safe City Programme	Sanchaalnaalay Mahila Sshaktikaran, Madhya Pradesh Shaasan, Bhopal	26/03/2018 and 27/03/2018	Two days
4.	Dr. Vandana Vikas Thakare	Training programme on Gender Responsive Planning and Budgeting and Safe City Programme .	Sanchaalnaalay Mahila Sshaktikaran, Madhya Pradesh Shaasan, Bhopal (Directorate Women Empowerment, M.P. Governance, and Bhopal).	26/03/2018 and 27/03/2018	Two days
5.	Dr. P. K. Singhal	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
6.	Dr. Vandana Vikas Thakare	Mathematical Modeling & Simulations For Wireless Digital Communication	VNIT Nagpur	04/06/2018 to 08/06/2018	
7.	Dr. Vandana Vikas Thakare	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
8	Dr. Vandana Vikas Thakare	AICTE sponsored Short Term Course on “Assuring Global in Technical Education Through Outcome Based Education”	MITS Gwalior	15/03/2018 to 19/03/2018	



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
9.	Dr. Vandana Vikas Thakare	Effective Techniques of Question Paper Setting: An Outcome Based Education Approach under TEQIP Phase-III	MITS Gwalior	7th to 8th February 2018	
10.	Dr. Vandana Vikas Thakare	National Summit/Seminar on Digital Judiciary on 15th April 2018 at MITS Gwalior.	MITS Gwalior	15th April 2018	
11.	Dr. Bimal Garg	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
12.	Dr. Bimal Garg	National Summit/Seminar on Digital Judiciary on 15th April 2018 at MITS Gwalior.	MITS Gwalior	15th April 2018	
13.	Dr. Bimal Garg	AICTE sponsored Short Term Course on "Assuring Global in Technical Education Through Outcome Based Education"	MITS Gwalior	10/03/2018 to 13/03/2018	
14.	Dr. Rekha Gupta	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
15.	Dr. Laxmi Shrivastava	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
16.	Dr. Ravindra Pratap Narwaria	AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics	MITS Gwalior	27/01/2018 to 31/01/2018	
17.	Dr. Ravindra Pratap Narwaria	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
18.	Dr. Karuna Markam	AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics	MITS Gwalior	27/01/2018 to 31/01/2018	



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
19.	Dr. Karuna Markam	Effective Techniques of Question Paper Setting: An Outcome Based Education Approach under TEQIP Phase-III	MITS Gwalior	7th to 8th February 2018	
20.	Dr. Karuna Markam	Assuring Global Quality in Technical Education Through Outcome Based Education during 10/03/2018 to 11/03/2018 at MITS Gwalior.	MITS Gwalior	10/03/2018 to 11/03/2018	
21.	Dr. Karuna Markam	AICTE-QIP sponsored FDP on Optimization Techniques and its Engineering Applications	MITS Gwalior	15/03/2018 to 19/03/2018	
22.	Dr. Karuna Markam	Mathematical Modeling & Simulations For Wireless Digital Communication	VNIT Nagpur	04/06/2018 to 08/06/2018	
23.	Dr. Karuna Markam	Active Learning for Senior Faculty	IIT Indore	18/06/2018 to 22/06/2018	
24.	Dr. Vikas Mahor	Faculty Induction Program	IIT Hyderabad	25-29 January 2018	
25.	Dr. Sarthak Singhal	Faculty Induction Program	IIT Hyderabad	25-29 January 2018	
26.	Dr. Sudhakar Modem	TEQIP-III Faculty induction program	IIT Hyderabad	25-29 January 2018	
27.	Dr. Sudhakar Modem	TEQIP-III faculty development program	MITS Gwalior		
28.	Prof. Rishabh Shukla	“Faculty Induction Program”, under TEQIP	IIT Hyderabad	25-29 July 2018	
29.	Prof. Rishabh Shukla	CMOS, Mixed Signal and RadioFrequency VLSI Design	IIT Kharagpur	26th Dec-4th Feb 2017	



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
30.	Prof. Rishabh Shukla	Assuring Global Quality in Technical Education through Outcome based Education, MITS Gwalior, 10-11 March 2013	MITS Gwalior	10-11 March 2013	
31.	Prof. Rishabh Shukla	Holistic approach for Technical Education: Role of Teachers	SNIT, Surat	12-16 September 2016	
32.	Prof. Rishabh Shukla	Nano Scale Integration, Fabrication and Characterization	SNIT, Surat	21-25 October 2013	
CSE/IT					
1	Dheeraj Gurjar	Second International Conference On Smart Innovations In Communications And Computational Sciences (ICSICCS-2018)	DAVV, Inodre	29 May 2018	1 Days
2	Dheeraj Gurjar	Faculty Induction Workshop	IIT Hyderabad	25-29 January 2018	5 Days
3	Dheeraj Gurjar	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
4	Khushboo Agarwal	One Week AICTE QIP sponsored FDP on Optimization Techniques and its Engineering Application	MITS, Gwalior	15-19 March 2018	5 Days
5	Namrata Agrawal	Faculty Induction Workshop	IIT Hyderabad	25-29 January 2018	5 Days
6	Khushboo Agarwal	One Day Seminar on Digital Judiciary building smart course	MITS, Gwalior	15 April 2018	1 Day
7	Jaimala Jha	One Week AICTE QIP sponsored FDP on Optimization Techniques and its Engineering Application	MITS, Gwalior	15-19 March 2018	5 Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
8	Jaimala Jha	Accenture Learning Symposium Workshop On “Deep Learning” And “Devops	Amity Noida	19-20 Feb 2018	2 Days
9	Manish Dixit	FDP(Modelling Simulation And Implementation Using MATLAB)	Tehri, Uttarakhand	31 Jan-4 Feb2018	One Week
10	Rajeev Kumar Singh	Deep Learning And Devops	Amity University Noida	19-20 Feb 2018	2 Days
11	Rajeev Kumar Singh	User Interface Technologies	Acharya Institute Of Technology Bangalore	29- 3 Feb 2018	One Week
12	Manish Dixit	FEP(Foundation Program 4.1)	Jaipur,Rajasthan	18-22 Sep2017	5 Days
13	Manish Dixit	National Seminar(DIGItal Judiciary-Building Smart Courts)	MITS, Gwalior	15 April2018	One Day
14	Manish Dixit	International Conference(Communication Systems And Network Technologies)	IIIT Nagpur	11-13 Nov 2017	03 Days
15	Manish Dixit	Workshop(Effective Technique Of Question Paper Setting:An Outcome Based Education Approach)	MITS, Gwalior	7-8 Feb2018	02 Days
16	Manish Dixit	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week
17	Amit Kumar Manjhvar	User Interface Technologies	Acharya Institute Of Technology Bangalore	29- 3 Feb 2018	One Week
18	Amit Kumar Manjhvar	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	7-8 Feb2018	2 Days
19	Abhilash Sonker	Accenture Learning Symposium Workshop On “Deep Learning” And “Devops	Amity Noida	19-20 Feb 2018	2 Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
20	Vishakha Agarwal	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
21	Nishtha Parashar	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
22	Kirti Gaur	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
23	Pallavi Gupta	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
24	Abhishek Dixit	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	2 Days
25	Sanjiv Sharma	Workshop(Effective Technique Of Question Paper Setting:An Outcome Based Education Approach)	MITS, Gwalior	7-8 Feb2018	02 Days
26	Sanjiv Sharma	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week
27	Sanjiv Sharma	Industry Conclave	MITS, Gwalior	12-13 Nov 2017	2 Days
28	Mahesh Parmar	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-11 March 2018	02 Days
29	Sanjiv Sharma	Workshop(Effective Technique Of Question Paper Setting:An Outcome Based Education Approach)	MITS, Gwalior	7-8 Feb 2018	02 Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
30	Sanjiv Sharma	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week
31	R.R.Singh Makwana	STC(Assuring Global Quality In Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week
32	Jaimal Jha	One Day Seminar on Digital Judiciary building smart course	MITS, Gwalior	15 April 2018	1 Day
33	R.R. Singh Makwana	One Day Seminar on Digital Judiciary building smart course	MITS, Gwalior	15 April 2018	1 Day
34	Dr. R. K. Gupta Dr. Akhilesh Tiwari Dr. Manish Dixit Prof. Punit Kumar Johari Dr. Sanjiv Sharma, Prof. Vikas Sejwar, Prof. Jaimala Jha Prof. Abhilash sonker	Summer Training Program on Active Learning for Senior Faculty unde TEQIP-III	IIT Indore	I Phase- 18-22 June 2018 II Phase- 25-29 June 2018	5 Days
Chemical Engineering					
1	Sumint Singh Trivedia	Writing Academic Paper	IIT Gandhinagar	16-18 March,2017	03 Days
2.	Swati Gupta	Writing Academic Paper	IIT Gandhinagar	16-18 March,2017	03 Days
3.	Anish Jacob	Impact Of Assessment On Higher Professional Institute	KIT Kohlapur	13-14 Jan,2017	02 Days
Biotechnology					
1	Dr. P. R. Rout	Hands On Training On Microbial Biodiversity	IIT, Delhi	9-11 th April, 2018	3 Days
2	Dr. P. R. Rout	Faculty Induction Workshop	IIT Hyderabad	25 th Jan-29 th Jan, 2018	5 Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
3	Dr. Sharad Verma	Faculty Induction Workshop	IIT Hyderabad	25 th Jan-29 th Jan, 2018	5 Days
4	Ms. Shikha Jha	Faculty Induction Workshop	IIT Hyderabad	25 th Jan-29 th Jan, 2018	5 Days
5.	Dr. Sunita Sharma	Summer Training on Active Learning	Iit Indore	25-29 June 2018	05 Days
6.	Ms. Shikha Jha	Gyan Course on Molecular Beneficial Plant Microbe Interactions And Functional Microbiome	Harisingh Gaur Univ. Sagar	25-30 June2018	06 Days
Humanities					
1	Sufia Azim	Teqip Induction Program	Iit Hyderabad	25-29 Jan 2018	5days
2	Sufia Azim	Workshop On Effective Techniques Of Question Paper Setting	Mits,Gwalior	7-8 Feb	2 Days
3	Sufia Azim	Paper Presented In International Conferenceon Religion,Literature Andculture Organizedby Higher Education And Research	Pune	15 -16 Sep 2017	2 Days
4	Sufia Azim	Attended Seven Days Short Term Course On "Language Literature And Culture	Ugc Human Resource Development Centre(Amu)	10-16 Feb	7days
1	Qazi Hasan Yasir	Teqip Induction Program	Iit Hyderabad	25-29 Jan 2018	Five Days
2	Qazi Hasan Yasir	Paper Presented In International Conference Organized By Krishi Sanskriti	Jnu Delhi	10 June 2017	Two Days
3.	Qazi Hasan Yasir	Aicte Sponsored Short Term Course On "Assuring Global Quality In Technical Education Thorough Outcome Based Education"	Mits, Gwalior	10-11 March 2018	Two Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
1	Urvashi Garud	Paper Presented In International Conference Organised By Iim Kashipur	Iim Kashipur	25 -27 May 2018	Three Days
2.	Urvashi Garud	Paper Presented In National Seminar Organised By Indra Gandhi Tribal University , Amarkanthak	Indra Gandhi Tribal University , Amarkanthak	26 – 27 Feb 2018	Two Days
3	Urvashi Garud	Presented Paper In National Seminar Organised By Dream Valley College	Gwalior	6 May	One Day
4	Urvashi Garud	Presented Paper In National Seminar Organised By All India Accounting Association	All India Accounting Association, Gwalior	1 – 2 October 2017	Two Days
5	Sanjeev Khanna	Presented Paper International Seminar On <i>The Cultures Of New India.</i>	Shri Ramswaroop Memorial University, Lucknow, In Association With The University Of Rome Tor Vergata, Italy And Monash University, Australia.	17th And 18th February 2017	02 Days
Applied Science					
1	Dr. Anjula Gaur Prof. J K Muthale Dr Shourabh Bhattacharya Dr. Uday Pratap Singh	Effective Techniques of Question Paper Setting: An Outcome Based Education, under TEQIP- III	Internal Quality Cell of Madhav Institute of Technology & Science, Gwalior (M.P.)	7-8 th Feb., 2018.	Two Days
2	Dr Abhay Mishra Dr. V P Shinde Dr. D K Jain Dr. Anjula Gaur Prof. J K Muthale	AICTE-QIP Sponsored One week STC under Quality Improvement Programme on “Assuring Global Quality in Technical Education Through Outcome Based Education”	Internal Quality Cell of Madhav Institute of Technology & Science, Gwalior (M.P.)	10 th –14 th March 2018.	One Week



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
3	Prof. Kumar Jitendra Dr. Shinde Vikas	Presented a paper 'OPTIMAL PATH FOR DISTRIBUTION CHAIN SYSTEM USING QUEUEING MODELS, '	International Conference on Recent Advances & Applications in Computer Engg. (RAACE-2017) organized by St. Xavier's College, Jaipur.	Nov. 23- 25, 2017	Three Days
4	Kumar Jitendra Shinde Vikas	Presented a paper 'Call Admission Control Scheme for Cellular Wireless Network using Queueing Model,'	International Conference on Applications of Computing and Communication Technologies (ICACCT – 2018), organized by Department of Computer Science, Shyama Prasad Mukherji College, New Delhi.	March 9, 2018,	One Day
5	Prof Jitendra Kumar	Workshop on Scientific and Technical Terminology in Science and Technology	Under CSTT held on by Amity University, Madhya Pradesh, and Gwalior.	29 -30 Nov. 2017	Two Days
6	Dr. Anjula Gaur	International conference on nanomaterials: initiatives & applications	School of Studies in environmental & Institute of Engineering	March 9-11, 2018,	Three Days
7	Dr. Anjula Gaur	International conference on Electrochemical Science and Technology	Department of Inorganic chemistry, Indian Institute of Bangalore, Bangalore	August 10-12, 2017,	Three Days



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
8	Dr. Prachi Sharma Dr. Ashish Verma Dr. Gargi Mukherjee	Faculty Induction Program by NPIU	IIT Hyderabad	25 Jan. To 29 Jan. 2018	One Week
9	Dr. Sonal Jain Prof. Deobrat Singh	Faculty Induction Program by NPIU	IIT Kanpur	9 Feb. To 13 Feb. 2018	One Week
10	Dr. Sonal Jain	Conference of International Academy of Physical Sciences (CONIPS XXII) on Emerging Trends in Physical Sciences, Organized by Faculty of Sciences, Dr. Ram Manohar	Lohia Avadh University, Faizabad U.P., India.,	April 13-15, 2018.	Three Days
11	Dr. Abhay Mishra, Dr. S. Bhattacharya, Prof. J K Muthale, Dr. Uday Pratap Singh, Prof. Angad S Ojha	Active Learning for Senior Faculty” under TEQIP-III	IIT Indore, Indore.	18 June to 22 June 2018	One Week
12	Dr. Anjula Gaur	Active Learning for Senior Faculty” under TEQIP-III	IIT Indore, Indore.	25 June to 29 June 2018	One Week
13	Dr. Vikas Shinde	Instruction Resources Development for MOOC	NITTTR, BHOPAL	25 June to 29 June 2018	One Week
ARCHITECTURE					
1.	Dr. Alok Sharma	Expert Lecture at Bhopal (International Conference and Expo on “ Raja Bhoj’s “ Contribution on Arch. Planning and its Relevance Today)	ICRB -2017 conference	22.12.2017- 24.01.2018	3 Days
2.	Dr. Alok Sharma	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.2018	2 Days
3.	Dr. Alok Sharma	Net Zero Energy Buildings	MITS, Gwalior	20.03.2018	1 Day



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S. No.	Name of faculty	Name of event	Event venue	Date(s)	Duration
4.	Prof. L.K.Jain	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
5.	Dr. Snjay S. Jadon	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
6.	Dr. Anjali S.Patil	Sustainability in Built Environment	MITS, Gwalior	19 th – 30 th Mar 2018	2 Week
7.	Dr. Anjali S.Patil	Assuring Global Quality in Technical Education Through Outcome Based Education	MITS, Gwalior	10 th March 2018 To 14 th March 2018	1week
8.	Ar. Richa Mishra	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
9.	Ar. Pranshi Jain	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
10.	Ar. Swapnnipurohjit	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
11.	Ar.Kshama Narwaria	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
12.	Ar. Anjali Gupta	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days
13 .	Ar. Barkha Soni	Assuring Global Quality in Technical Education Trough Out Come Based Education	MITS, Gwalior	10.03.2018& 11.03.218	2 Days



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4. STAFF SENT FOR TRAINING ETC.

S. No.	Name of staff	Activity	Event venue	Date	Duration
Technical Staff					
Electrical Engineering					
1	R.S. Yadav	Short term course on Introduction of Transducers/ Sensors for Industrial Automation	ATI EPI Dehradun	11-15 June 2018	One Week
2	Rajesh Sharma	Short term course on Introduction of Transducers/ Sensors for Industrial Automation	ATI EPI Dehradun	11-15 June 2018	One Week
Electronics Engineering					
1	Mr. Sujan Jadaun	Short term course on Introduction of Transducers/ Sensors for Industrial Automation	ATI EPI Dehradun	11-15 June 2018	One Week
CSE/IT					
1	Santosh Sharma	STTP on Linux Administration Using Centos	NITTTR, Chandigarh	30 April -4 May 2018	5 Days
2	Sanjay Arolia	STTP on Linux Administration Using Centos	NITTTR, Chandigarh	30 April - 4 May 2018	5 Days
CCC					
1	Priyanka Bhadoriya	STTP on N/W Security and Firewall	NITTTR Chandigarh	15-19 Jan 2018	One Week

S. No.	Name of staff	Activity	Event venue	Date	Duration
Administrative Staff					
1	Mr. Ajay sharma	Financial management & PFMS	SGSITS Indore	19-20 June 2018	02 Days
2	Mr. Dharmendra Gorakhpuri	Financial management & PFMS	SGSITS Indore	19-20 June 2018	02 Days
3	Shri Atul Chauhan	MIS training	VJTI Mumbai	24-06-2018	01 Day



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5. STUDENT ACHIEVEMENTS (CAT, GATE, PLACEMENTS ETC.)

CAT QUALIFIED STUDENTS:

S.No.	Name of Student	Branch	Year	Percentile	Institute admitted
1	Parv pandey	Civil	2017	99.77	MDI Gurgaon
2	Shubham mittal	Civil	2017	95.68	-
3	Rishab Sharma	Mechanical	2018	99.14	MDI, Gurgaon
4	Vineet Chari	Mechanical	2018	98.68	IIM, Ahmedabad
5	Rupal Srivastava	Mechanical	2018	91.9	SIBM, Bangalore
6	Shivani Parashar	Mechanical	2018	87.12	Counselling in Process

ARCHITECTURE

S.No.	Name of Student	CAT/GATE/CEED etc.	Year	Institute admitted
1	Ayushi Wakankar	200 GATE	2018	SPA Bhopal
2	Ayushi Wakankar	CEED	2018	-
3	Janhavi Majrekar	297	2018	SPA DELHI
4	Anjali Gupta	-	2018	SPA Bhopal
5	Swati Agrawal	-	2018	GATE Qualified for Ph.D
6	Vikas Jaiswal	-	2018	GATE Qualified for Ph.D
7	Rajni shakya	CEED	2018	DCRUST, Murthal

SUMMARY OF GATE QUALIFIED STUDENTS - 2018

S. No.	Branch	No. of Students
1.	Civil Engineering	36
2.	Mechanical Engineering	51
3.	Electrical Engineering	22
4.	Electronics Engineering	37
5.	CSE/IT	44
6.	Chemical Engineering	03
7.	Biotechnology	07
Total		200



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MCA : a. No. of students placed through campus : 02
 b. No. of students placed off-campus : 08

SUMMARY OF PLACEMENT (PASSING OUT BATCH - 2018)

S. No.	Company Name	B.E. Branch								Total
		Civil	Mechanical	Electrical	Electronics	CSE	IT	Chemical	Biotechnology	
1	Accenture	13	30	26	28	46	21	13	3	180
2	IBM	-	-	6	2	9	3	-	-	20
3	Capgemini	-	1	2	5	9	3	-	-	20
4	Metacube	-	-	-	-	-	1	-	-	1
5	Tata Projects	4	-	1	-	-	-	-	-	5
6	Wipro	-	-	-	-	3	1	-	-	4
7	BORL	1	-	-	-	-	-	3	-	4
8	Britannia	-	2	-	-	-	-	-	-	2
9	DCM Shriram	1	-	-	-	-	-	2	-	3
10	Berger Paints	-	-	-	-	-	-	1	-	1
11	Indian Oil-Adani Gas Pvt.Ltd	-	4	2	-	-	-	-	-	6
12	TradeIndia Research Campus	18	35	25	36	16	12	9	7	158
13	Asahi India Glass Ltd.	-	4	-	-	-	-	1	-	5
14	Lupin India	-	-	-	-	-	-	4	-	4
15	Indian Hume Pipes	18	-	-	-	-	-	-	-	18
16	BYJU's	-	1	-	3	2	-	3	-	9
17	Jamna Auto Industries	-	8	2	-	-	-	-	-	10
	Total	55	85	64	74	85	41	36	10	450

ARCHITECTURE : All 2017-18 Batch students placed in different architectural firms.



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NCC & NSS :

No. of Students participated in NCC events : Group head quarter level - 200

No. of Awards won in NCC : University level - 02

No. of Extension activities organized - College forum - 10 and NSS - 21

No. of Students Participated in NSS events - University level – 70 and State level – 02

No. of Awards won in NSS : University level - 01

Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility (NSS)

- Water Distribution Programme at Railway Station
- Rally & Oath on Swachchhata Pakhawada
- Literacy cum Awareness Programme
- Plantation programme
- Seminar on Solid Waste Management
- Cycle Rally & Traffic Awareness Programme
- Blood Donation Camp
- Swachchhaya Bharat Abhiyan Rally
- Rally on Pollution free Deepawali
- One Day Camp (Dental Camp, Eye Camp, Anti Tabacco Seminar and Yoga Programme)
- Rally on AIDS Awareness



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6. RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (PROJECTS ONGOING)

S.No.	Name of PI	Title	Date	Amount
Civil Engineering				
1	Dr. M. K. Trivedi	(Extension Activity) State Technical Agency, NRRDA New Delhi	Nov 2013	--
Mechanical Engineering				
1	Dr. C S Malvi	AICTE-INAE DVP Scheme	March 2017	ISRO Visiting Faculty
2	Dr. M K Gaur	Heat and Mass Transfer Analysis of Hybrid Solar Dryer with uniform Heating	May 2018 Completed	13.52 Lakhs
3	Dr. M K Gaur	Performance Analysis of Solar Operated Absorption Refrigeration System.	On Going	10.30 Lakhs
4	Dr. M K Gaur	Advanced Refrigeration and Air Conditioning Lab	On Going	6.50 Lakhs
Electrical Engineering				
1	Dr. Laxmi Srivastava	Up-gradation of Electrical Machines and Drive Lab	09-09-17	9.30 Lac
2	Dr. Manjaree Pandit	Addressing power system operational challenges with Renewable Energy Resources using nature inspired optimization technique.	02-08-17	12.35 Lac
Electronics Engineering				
1	Dr. S.S. Bhaduariya Dr. L. Shrivastava	Fuzzy Based Congestion Control	2014	3 Lacs
CSE/IT				
1	Dr. R.K. Gupta	Modernization of Hardware Laboratory (Under MODROB Scheme of AICTE)	2017	Rs. 290000/-

MCA

a. No. of Students Registered for Ph.D. in Dept. : 03



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ARCHITECTURE

S.No.	Name of PI	Title	Date	Amount
1.	Dr. Alok Sharma	MukhyaMantri Infrastructure Development scheme Phase II (Became a part of smart city Proposal now) Total Amount (52 lakhs)	2014	7.5 Lksh (Recieved On Going)
2.	Dr. S.S.Jadon	Saheed Park SADA, Morena M.P.)		5,0000/-(on going)

ENTREPRENEURSHIP DEVELOPMENT CELL

S.No.	Proposal Name	Funding Agency	Amount	Status
01.	EDP (02 Nos.) , TEDP (02 Nos), FDP(02 Nos.), EAC(20 Nos.)	DST, New Delhi	17.00 Lakhs	Sanctioned & Completed
02.	Mukhya Mantri Kaushal Samvardhan Yojana (MMKSY)	DTE, Bhopal	17,08,100/-	Sanctioned & Completed
03.	Three Day Zonal Level Workshop on Polymer and Chemical Based Industries under PCBI Scheme at Gwalior.	KVIC, Mumbai	3.00 Lakhs	Sanctioned & Completed
04.	Pradhan Mantri Kaushal Vikash Yojana for Technical Institute (PMKVY-TI)	AICTE, New Delhi	17.00 Lakhs	Sanctioned and Completed
05.	Kaushal & Placement Rozgar Prashikshan Karakram Under DAY- NULM	Municipal Corporation, Gwalior	30.78 Lakhs	Sanctioned



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7. RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (PROJECTS COMPLETED THIS YEAR)

S.No.	Name of PI	Title	Date	Amount
Applied Science				
1	Dr. Anjula Gaur (CST/R&D/Phy. & Engg. Sc/2015)	Study on removal of dyes from industrial effluents using eco friendly non-conventional Bioabsorbent	DEC. 2017	Rs.4.28 lacs only

ARCHITECTURE

S.No.	Name of PI	Title	Date	Amount
1	Prof. L K.Jain	Jawan Barracke for CISF & ASI at (Construction of 109 Persons) Third Party Quality Assurance by CPWD Project at Agra	19.05.2018	158678.00

8. NEW LABS ESTABLISHED/EQUIPMENTS PURCHASED THIS YEAR

S.No.	Name of Department	Name of New Lab	Status
1	Mechanical Engineering	Manufacturing Systems lab	Procurement to start
2	Computer Science & Engineering	Internet of Things(IoT) Lab	
3	Mechanical Engineering	Design Center	
4	Electrical Engineering	Electrical Machines Lab	
5	Humanities	Purchase Process Underway For 20 Desktop Computers And One Interactive Board Against Project Under Modrobs Amount – Approx. 10 Lacs	

ARCHITECTURE

S.No.	Name of New Lab Established	Name of Equipments Purchased	Date	Amount
01	CAAD Lab	20 NUMBERS ALLO IN ONE WALL MOUNTED HP CPMPUTER	31.03.2018	120000.00



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9. LIST OF PAPERS PUBLISHED IN JOURNALS/CONFERENCES (2017-18)

Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Civil Engineering						
Jitendra Singh, Prof. Sanjay Tiwari, Prof. Gautam Bhadoriya	Discrete Time Cost Trade-Off for Multi Mode Problems in CPM	Journal of Civil and Construction Engineering (MAT Journals)	Volume 2 Issue 2	1-9	--	2016
Jitendra Singh, Prof. Sanjay Tiwari, Prof. Gautam Bhadoriya	Time Cost Trade-Off Analysis using IP Formulations	Journal of Civil and Construction Engineering (MAT Journals)	Volume 2 Issue 2	1-8	--	2016
Vinay Tyagi, Prof. Gautam Bhadoriya	Evaluation of Strength properties of Mortar Containing Waste glass	IJRASET Journal (ISSN: 2321-9653)	Volume 4 Issue x	--	--	Oct. 2016.
Rajeev Pandey, Prof. Deepak Rastogi	Impact of Carrosion of Reinforcement in Precast Concrete Construction	International Research Journal of Engineering and Technology (IRJET)	Volume-3 issue 8	--	--	August 2016
Shyamveer singh chauhan, Prof. Deepak Rastogi	Utilization of Municipal Solid Waste of Gwalior City for Energy Generation (A Case Study)	International Research Journal of Engineering and Technology (IRJET)	Volume 3, Issue 7	--	--	July 2016
Vipul Mudgal, A. Tiwari	Experimental Investigation of Properties of Fresh and Hardened Concrete Containing Waste Plastic	International Journal of Science and Research (IJSR) ISSN Online : 2319-7064	Vol.5, Issue 8,	--	--	August 2016
Gaurav Shrivastava, A. Tiwari	Investigation of Properties of Fresh and Hardened Concrete Containing Waste Glass Powder as Partial Replacement of Cement	International Journal of Science and Research (IJSR)	Vol.5	--	--	7 th July, 2016
Akash Gupta, A. Tiwari	Effect on Mechanical Properties of Paver Block consist Crusher Stone Dust as Fine Aggregate with Inclusion on Steel Fibre	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol.4, Issue X	529-535	--	October 2016



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Deepti Singh, R Kansal	Analysis of Fresh and Hardened Properties of M35 Concrete Mix Using Burned Engine Oil as an Admixture	International Journal of Science Technology & Engineering (IJSTE)	Vol.3, issue: 01	459-564	--	July 2016
Raghvendra Jadon, R Kansal	Experimental Study of Bituminous Concrete Mix by using Waste Plastic	International Journal of Science Technology & Engineering (IJSTE)	Vol.3, issue: 01	482-487	--	July 2016
Krati Gahoi, R Kansal	Effect of Waste Glass Powder on Properties on Concrete: A Literature Review	International Journal of Science and Research (IJSR) ,	Vol.5, issue: 08	1329 to 1333	--	August 2016.
Krati Gahoi, R Kansal	Waste Glass Powder As a Partial Replacement of PPC	International Journal of Advanced and innovative Research	Vol.5, issue: 08,	1414 to 1418	--	August 2016
Manish Dubey, A.K. Saxena	Assessment of Water Quality Index of Saank River, Morena, Madhya Pradesh	International Journal of Science, Engineering and Technology Research (IJSETR),	Vol.5, issue: 08.	2563-2567	--	August 2016
Manish Dubey, A.K. Saxena	Quality Characterization of Groundwater using Water Quality Index in Gwalior City, Madhya Pradesh, India	International Journal of Science, Engineering and Technology Research (IJSETR)	Vol.5, issue: 08	2578-2584	--	August 2016
Sandhya Parihar & M. K. Trivedi	A review paper on traffic signal control based on fuzzy set theory	IJSART	Vol 2, issue 11	243- 250	--	2016
Gyaneshwar singh Uchariya & M. K. Trivedi	A study on wood ash, alternative martial of stabilizing clay soil	IJSRD	Vol 4 issue 5	1116-1119	--	2016
Bhanu Pratap Singh Sikarwar & M. K. Trivedi	Stabilization of Clayey Soil by Using Gypsum and Calcium Chloride	International Journal for Research in Applied Science and Engineering Technology, Impact factor- 5.969 (IJRASET)	Vol. 5, issue V ISSN: 2321-9653	477-481	--	May 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Neha Pundir & M. K. Trivedi	Improvement of Pavement Soil Sub grade by Using Burnt Brick Dust	Impact factor- 5.969 (IJRASET) ISSN: 2321-9653	Vol. 5, issue V	218	--	May 2017
D. Rastogi & Sourabh Pathak	Case study of Cracks in Public Buildings and their Remedies	, International Journal of Science & Research, (e- ISSN: 2319-7064)	Vol. 6, issue – 5	--	--	May 2017
Vijayendra Singh Dangi, Prof. Aditya Kumar Agarwal	Current Practices of Solid Waste Management in MITS Campus, Gwalior: A Case Study	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 5, Issue V ISSN : 2321-9653	--	--	May 2017
Neha Pundir & M. K. Trivedi	Improvement of Pavement Soil Sub grade by Using Burnt Brick Dust & Scrap Tyre Rubber	International Journal for Scientific Research & Development, Impact factor- 4.396 (IJSRD), ISSN: 2321-0613	Vol. 5, issue 03,	858-860	--	2017
A. Tiwari, A.Singh	Effect of Zinc Oxide Nanoparticle on Compressive Strength and Durability of Cement Mortar	International Journal for Research in Applied Science & Engineering Technology,(e-ISSN:2321-9653),	Vol.5 Issue VII	--	--	July-2017
Tarun Jain, Prof. Archana Tiwari	Light Weight Bricks Using Waste EPS Beads	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 5, Issue VI	--	--	June 2017
Abhishek Joshi, Deepak Rastogi	Traffic Noise Pollution studies of Gwalior, (M.P.)	IJRASET, ISSN: 2321-9653; IC Value:45.98; SJ Impact Factor;6.887	Volume 5 Issue VI	367	--	June 2017
Lalit Singh ,M.K. Trivedi,	Appropriate Contractor Evaluation Techniques in Construction Industry Based on Multicriteria Decisions	IJESC	Volume 7,Issue-5	11392	--	June-2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
D. Rastogi & M.A. Khan	Performance Evaluation of Water Treatment plant at Motijheel, Gwalior	International Journal for Research in Applied Science & Engineering Technology, (e- ISSN: 2321-9653)	Vol. 5, issue –VI	--	--	June 2017
Sarvesh K. Jain, Sanjay Tiwari, Ayush Dixit and Chandra Kant Sharma	Estimation of Fundamental Time Periods of Elevated Reservoirs	Journal of The Institution of Engineers (India): Series A	Vol. 98 issue(3):	257–265	--	September 2017
Riya Govil, Aditya Kumar Agarwal	Performance Evaluation of Effluent Treatment Plant of Dairy Industry in Gwalior (M.P.)	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 5, Issue VI	--	--	June 2017
Rajveer Singh Dhakar, Rajeev Kansal	Effect of Replacement of Natural Aggregates by Recycled Aggregates Used In Concrete	IJRASET, ISSN: 2321-9653; IC Value:45.98; SJ Impact Factor;6.887	Volume 5 Issue IX	497	--	September 2017
Deepak Kumar Diwakar, Rajeev Kansal	Techno Economical Analysis for Sand Stone Chips as a Coarse Aggregate in Concrete	IJRASET, ISSN: 2321-9653; IC Value:45.98; SJ Impact Factor;6.887	Volume 5 Issue IX,	485	--	September 2017
Shiv Kumar Ahirwar, Rajeev Kansal	Strength Analysis of Concrete by Using Plastic Waste'	IJRASET, ISSN: 2321-9653; IC Value:45.98; SJ Impact Factor;6.887	Volume 5 Issue IX,	566	--	September 2017
Sanjay Tiwari & Pradeep Bhargava	Load Distribution Factors for Composite Multicell Box Girder Bridge	Journal of The Institution of Engineers (India): Series A	Volume 98, Issue 4	483–492	--	December 2017
Amit Sahu, Archana Tiwari	Aerated Concrete Blocks Using Polypropylene Fibre	IJRASET, ISSN: 2321-9653; IC Value:45.98; SJ Impact Factor;6.887	Volume 5 Issue XII,	1516	--	September 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Sandhya Parihar & M. K. Trivedi	Determination of most favourable signal timings at Intersections using fuzzy logic methods	IJSART	Vol 3, issue 10	--	--	2017
Rahul Singh Dhakad & dr. M. K. Trivedi	Study of enhancement of strength of clayey soil stabilized with Acrylic polymer	IJSRD	Vol 6, issue 02	3272-3276	--	2018
Mechanical Engineering						
Dr. Pratesh Jayaswal	Fault analysis in self-aligning ball bearing by wavelet transform based feature extraction using neural networks	International journal of engineering sciences & research technology	7	11-17	--	2017
Dr. Pratesh Jayaswal	Fault Identification by Wavelet Feature Extraction in Self Aligning Bearing using Neural Network	Trends in Mechanical Engineering and Technology	7(2)	11-17	--	2017
Dr. M.K. Gaur	Optimization of machining parameters of hard porcelain on a CNC machine by Taguchi and RSM method	International Journal of Engineering, Science and Technology	10(1)	13-22	--	2018
Dr. M.K. Gaur	Recent Advancement , Applications and Performance Study of Various Types of Solar Dryers	Conference: Smart Technologies for Green and Sustainable Future (STGSF-2017) At: MANIT Bhopal	--	--	--	2018
Dr. M.K. Gaur	Exergy analysis of evacuated tube solar collectors: a review	International Journal of Exergy	25(1)	54-74	--	2018
Dr. M.K. Gaur	Experimental investigation of heat removal factor in solar flat plate collector for various flow configurations	International journal of green energy	14	442-448	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. C S Malvi	Experimental investigation of heat removal factor in solar flat plate collector for various flow configurations	International journal of green energy	14	442-448	--	2017
Dr. C S Malvi	Design, Simulation and Economic Analysis of on Grid Solar PV System for Educational Institute in North India	Journal of Alternate Energy Sources and Technologies	8	64-74	--	2018
Dinesh Kumar Kasdekar	Optimization of machining parameters of hard porcelain on a CNC machine by Taguchi and RSM method	International Journal of Engineering, Science and Technology	10(1)	13-22	--	2018
Sharad Agrawal	Optimization of machining parameters of hard porcelain on a CNC machine by Taguchi and RSM method	International Journal of Engineering, Science and Technology	10(1)	13-22	--	2018
Vaibhav Shivhare	Selection of the Best Belt Conveyor using AHP	European Journal of Advances in Engineering and Technology	4(2)	129-134	--	2017
Dr. M. K. Sagar	Modeling the wire-EDM process parameters for EN-8 carbon steel using artificial neural networks	International Journal of Engineering, Science and Technology	9(2)	26-38	--	2017
Dr. Jyoti Vimal	Multi responses optimization of wire EDM process parameters using Taguchi approach coupled with principal component analysis methodology	International Journal of Engineering, Science and Technology	9	61-74	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dinesh Kumar Kasdekar	Performance of Box-Behnken and prediction model are compared with Al-Nano MMC to maximize the MRR	Materials Today: Proceedings	4	3173-3181	--	2017
Dinesh Kumar Kasdekar	Selection of the Best Belt Conveyor using AHP	European Journal of Advances in Engineering and Technology	4	129-134	--	2017
Dinesh Kumar Kasdekar	Artificial neural network models for the prediction of MRR in Electro-chemical machining	Materials Today: Proceedings	5	772-779	--	2018
Dinesh Kumar Kasdekar	Mathematical and Prediction Modeling of Material Removal Rate for Evaluating the Effects of Process Parameters	Springer, Singapore		509-523	--	2018
Dinesh Kumar Kasdekar	Principal component analysis to optimize the ECM parameters of Aluminium alloy	Materials Today: Proceedings	5	5398-5406	--	2018
Dr. Amit Aherwar	Preliminary evaluations on development of new materials for hip joint femoral head	Proc IMechE Part L: J Materials: Design and Applications		1-15	--	2017
Dr. Amit Aherwar	Prediction of effect of tungsten filled Co-30Cr-4Mo-1Ni metal matrix biomedical composite alloy on sliding wear peculiarity using Taguchi methodology and ANN	Advances in Materials and Processing Technologies.	3(4)	665-688	--	2017
Dr. Amit Aherwar	Biocompatibility evaluation and corrosion resistance of tungsten added Co-30Cr-4Mo-1Ni alloy	Bio-Medical Materials and Engineering	28(6)	687-701	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Amit Aherwar	A study on mechanical behavior and wear performance of a metal-metal Co-30Cr biomedical alloy with different molybdenum addition and optimized using Taguchi experimental design	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40 (5)	213-232	--	2018
Dr. Amit Aherwar	Mechanical and wear performance evaluation of tungsten added Co-30Cr-4Mo-1Ni biomedical alloy with Taguchi optimization	Materialwiss. Werkstofftech	49	1-16	--	2018
Electrical Engineering						
Hari Mohan Dubey, Manjaree Pandit	An overview and comparative analysis of recent bio-inspired optimization techniques for wind integrated multi-objective power dispatch	Swarm and Evolutionary Computation	Vol. 38	12-34	--	February 2018
Ashis Patra	Artificial neural network based PID controller for control of Dynamical Systems	International journal of advanced and innovative research,	Vol. 06, issue 07	43-47	--	
Anoop Singh Yadav, Shishir Dixit	Placement of TCSC for Improvement of Power Flow	Int. Journal of Adv. Res. in Computer Engg & Technology (IJARCET)	Volume 6, Issue 7, July 2017	1105-1108	--	
Himmat Singh, Laxmi Srivastava	Multi objective optimal reactive power dispatch for distribution system	IEEE Int. Conf. on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)	--	--	Saveetha Engg. College, Chennai, Tamil Nadu	21 st -22 nd September, 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Anurag Das, Laxmi Srivastava	Optimal Placement and Sizing of Distributed Generation Units for Power Loss Reduction Using Moth Flame Optimization Algorithm	IEEE Int. Conf. on Intelli. Computing, Instru. and Control Technologies (ICICICT-2017)	--	--	Vimal Jyothi Engineering College, Kannur, Kerala	6-7 July 2017
Vijay Bhuria	Interfacing of Renewable Energy Source To Grid With Power Quality Improvement	Int. Journal of Innovative Res. in Electrical Electronics Instrumentation and Control Engg	Vol 5, Issue 8			August 2017
Vishal Chaudhary	Optimal Generation Scheduling Of Thermal System Using Biologically Inspired Grasshopper Algorithm	IEEE Int. Conf. on Telecommunication and Networks (TELNET 2017)	--	--	Amity Institute of Telecom Engg and Management, Amity University, Noida, UP, India	10 th – 11 th August, 2017
Sandeep Singh Tomar, Nikhil Agrawal and Praveen Bansal	Various Modulation Techniques in Symmetrical Multilevel Inverters	International IEEE Conference on International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS) -2017	--	--	SKR Engineering College, Poonamallee, Chennai Tamil Nadu, India	1st - 2nd August 2017
Nikhil Agrawal and Praveen Bansal	A New 21- Level Asymmetrical Multilevel Inverter Topology with Different PWM Techniques	International IEEE Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE)- 26-27th Oct. 2017	--	--	Amity University Noida Uttar Pradesh , India	



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Nikhil Agrawal & Praveen Bansal	A Multilevel Inverter Topology Using Reverse- Connected Voltage Sources	International IEEE Conference on International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS) - 2017	--	--	SKR Engineering College, Poonamallee, Chennai Tamil Nadu, India	1st - 2nd August 2017
Electronics Engineering						
Dr. P.K. Singhal	Modern Fisher–Yates Shuffling Based Random Interleaver Design for SCFDMA-IDMA Systems	Wireless Personal Communications	Vol. 97, Issue 1	pp. 63–73	--	November 2017
Dr. P.K. Singhal	Uncoded integrated interleave division multiple access systems in presence of power interleavers	Radioelectronics and Communications Systems	Vol. 60, Issue 11	pp. 503–511	--	November 2017
Dr. P.K. Singhal	Flip left-right approach based novel inverse tree interleavers for IDMA scheme	AEU - International Journal of Electronics and Communications	Vol. 81,	pp. 182-191	--	November 2017,
Dr. P.K. Singhal	A stacked Sierpinski's gasket fractal antenna for satellite uplink/downlink application	2017 2nd International Conference for Convergence in Technology (I2CT)	--	pp. 1133-1135	--	2017
Dr. Vandana Vikas Thakare	Simulation of Few Mode Fiber Communication System Using Adaptive Recursive least Square Algorithm.	International Journal on Recent and Innovation Trends in Computing and Communication	Vol. 5, Issue7	pp. 311-314	--	July-2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Vandana Vikas Thakare	The Adaptive LMS and Combination of RLS-LMS as Applied On Optical Fiber Communication System.	International Journal of Telecommunication and Emerging Technologies	Vol. 3, Issue 2	pp. 1-4	--	September 2017
Dr. Vandana Vikas Thakare	Image Fusion Enhancement Using Dt-Cwt Technique.	International Research Journal of Engineering and Technology	Vol. 4, Issue8	pp. 643-645	--	Aug -2017
Dr. Vandana Vikas Thakare	Medical image fusion enhancement using DT-CWT technique	International Journal of Telecommunications & Emerging Technologies	Vol. 3, Issue 2	pp. 8-11	--	September 2017
Dr. Vandana Vikas Thakare	A Rectangular microstrip moisture sensor based on microwave measurement technique	SKIT Research Journal	Vol. 7, Issue 1	pp. 30-33	--	March 2017
Dr. Vandana Vikas Thakare	Bandwidth and Gain enhancement in microstrip moisture sensor for agricultural applications	Indian journal of science and engineering research	Vol. 1, Issue 1	pp. 37-40	--	July-Dec, 2017. Scopus Index
Dr. Vandana Vikas Thakare	Design and development of microstrip sensor with triple frequency for determination of rice grains moisture content.	International journal of mechanical and production engineering research and development (IJMPERD)	Vol. 7	pp. 375-380.	--	October 2017, Scopus Index
Dr. Vandana Vikas Thakare	A Novel Shape Patch Antenna for Wi-Max Band.	International Journal on Future Revolution in Computer Science & Communication Engineering	Vol. 4	pp. 118 – 121	--	January 2018.
Dr. Vandana Vikas Thakare	Applications Of Sensors To Detect The Behavior Of Human.	International Research Journal of Engineering and Technology (IRJET)	Vol. 4	pp. 404-406	--	7 July 2017



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Dr. Vandana Vikas Thakare	Sensors Used To Detect The Behaviour Of Human.	International Research Journal of Engineering and Technology (IRJET)	Vol. 4, Issue 7	pp. 1343-1349	--	7 July 2017
Dr. Vandana Vikas Thakare	Determination of moisture content in soil based on oven drying method using a microstrip patch sensor.	National Conference On Communication, Integrated Networks and Signal Processing (CINSP-2018)	Conference paper	--	Amity University, Gwalior	31 st January, 2018.
Dr. Vandana Vikas Thakare	E –Shaped Micro-strip Patch antenna with rectangular and circular slots.	National Conference On Communication, Integrated Networks and Signal Processing (CINSP-2018)	Conference paper	--	Amity University, Gwalior	31 st January, 2018.
Dr. Vandana Vikas Thakare	Analysis and optimal design of moisture sensor for rice grain moisture measurement.	National Conference entitled, 62 DAE, Solid State Physics Symposium.	Conference paper	--	BARC Mumbai during	December 26-30, 2017
Dr. Bimal Garg	Parameter enhanced of microstrip patch antenna using split hexagonal rings of left handed material	International Journal of Radio Frequency Design,	Vol. 3	pp. 1-7	--	2017
Dr. Bimal Garg	Miniaturization Of Microstrip Patch Antenna Using Interconnected Hexagonal Rings Of Double Negative Material Structure	International Journal Of Engineering Sciences & Research Technology,	Vol. 6, Issue 9	pp. 389-396	--	September 2017
Dr. Bimal Garg	Aggrandize Of Microstrip Antenna Parameter With Metamaterial And Varactor Diode For Application Of Reconfigurable Antenna	International Journal Of Microwave Engineering And Technology,	Vol. 3, Issue 2	pp. 1-9	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Laxmi Shrivastava	Estimation Techniques: Adaptive and Kalman Filter for Speech Processing.	International Journal of Neural System Engineering,	Vol. 1	pp. 99-104	--	2017
Dr. Laxmi Shrivastava	Comparison and Realization of Microstrip Band Pass and Band Reject Filter At GSM Band (850 MHz) Using DGS Techniques.	International Journal of Advance Research in Science and Engineering(IJARSE)	Vol. 6	pp. 1-8	--	August 2017
Dr. Laxmi Shrivastava	Compact Dual Band Microstrip Patch Antenna with Defected Ground Structure for GSM and ISM Band Application.	International Journal of Advance Research in Science and Engineering (IJARSE)	Vol. 6, Issue 8	pp. 1305-1309	--	August 2017
Dr. Laxmi Shrivastava	Efficient Energy consumption of Cluster Head in Wireless Sensor Network	International Journal of Advance Research in Science and Engineering (IJARSE)	Vol. 6, Issue 8	pp. 1105-1113	--	August 2017
Dr. Laxmi Shrivastava	Compare of Static and Dynamic Energy Efficient Clustering Techniques Using Fuzzy Logic in Wireless Sensor Network.	International Journal of broadband cellular communication (IJBCC)	Vol. 3, No. 1	pp 10-19	--	August 2017
Dr. Laxmi Shrivastava	Performance Evaluation of Multiple Rate Mobile Ad hoc Networks Using Rayleigh Fading.	International Journal of Advance Research in Science and Engineering (IJARSE)	Vol. 6	pp. 1200-1206	--	August 2017
Dr. Laxmi Shrivastava	Effect of Rician Fading Channel on Performance of MANET.	International Journal of Advance Research in Science and Engineering (IJARSE)	Vol. 6	pp. 1194-1199	--	August 2017
Dr. Laxmi Shrivastava	Comparison and Realization of Microstrip Band Pass and Band Reject Filter At GSM Band (850 MHz) Using DGS Techniques.	5 th International Conference on Emerging Trends in Engineering ,Technology, Science and Management(ICETETSM-2017)	Conference paper	--	Bangalore (Karnataka)	August, 2017



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Dr. Laxmi Shrivastava	Compact Dual Band Microstrip Patch Antenna With Defected Ground Structure for GSM and ISM Band Application.	5 th International Conference on Emerging Trends in Engineering, Technology, Science and Management (ICETETSM-2017)	Conference paper	--	Bangalore (Karnataka)	August, 2017
Dr. Laxmi Shrivastava	Efficient Energy Consumption of Cluster Head in Wireless Sensor Network.	5 th International Conference on Emerging Trends in Engineering, Technology, Science And Management (ICETETSM 2017),	Conference paper	--	Bangalore (Karnataka)	August, 2017
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Dr. Laxmi Shrivastava	Effect of Rician Fading Channel on Performance of MANET	5 th International Conference on Emerging Trends in Engineering, Technology, Science And Management (ICETETSM 2017),	Conference paper	--	Bangalore (Karnataka)	August, 2017
Dr. Ravindra Pratap Narwaria	Artificial Neural Network Model for cutoff frequency calculation for denoising of ECG signal using FIR filter.	International Journal of Signal Processing, Image Processing and Pattern Recognition (SERSC Journal)	Vol. 10	pp. 183-190	--	2017
Dr. Ravindra Pratap Narwaria	Designing of rectangular window based Fir filter for cutoff frequency calculation in Artificial Neural Network	International Journal of engineering sciences & research technology	Vol. 6	pp. 395-398	--	2017
Dr. Ravindra Pratap Narwaria	A review on application of adaptive algorithms in signal processing .	International Journal of innovative research in computer and communication engineering.	Vol. 5	pp. 11040-11044	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Ravindra Pratap Narwaria	De-noising of audio signal using distributed approximat message passing (DAMP) algorithm.	open access international journal of science & engineering.	Vol. 2	pp. 1-7	--	2017
Dr. Ravindra Pratap Narwaria	Simulation of FIR filter bank using daubechies wavelet with orthonormal basis functions.	open access international journal of science & engineering.	Vol. 2	pp. 8-13	--	2017
Dr. Ravindra Pratap Narwaria	Review on FIR filter designing using wavelet transform.	International journal of Innovative research in computer and communication engineering	Vol. 5	pp. 9975-9977	--	May 2017
Dr. Ravindra Pratap Narwaria	IIR filter design Techniques-A critical review.	International journal of Innovative research in computer and communication engineering	Vol. 5	pp. 10006-10008	--	May 2017
Dr. Ravindra Pratap Narwaria	Determining the optimum coefficients of IIR all pass filter based on genetic algorithm.	International journal of science & engineering	Vol. 2	pp. 14-18	--	2017
Dr. Karuna Markam	A Hybrid Scheme for PAPR Reduction using DCT, PTS and Companding Techniques.	International Journal of Digital Application & Contemporary Research.	Vol. 5, Issue 6	pp. 1-6	--	January 2017
Dr. Karuna Markam	PAPR Reduction scheme PTS and Companding Techniques using Neural Network.	International Journal of Innovative Research in Engg. and Applied Sciences (IJIREAS)	Vol. 3, Issue 2	pp. 1-8	--	April 2017
Dr. Karuna Markam	Peak-to-Average Power Ratio (PAPR) Reduction Schemes Partial Transmit Sequence (PTS) and Companding Techniques Using Neural Network and Bit Error Rate Using QPSK and BPSK Modulation in OFDM.	International Journal of Electrical Communication Engineering	Vol. 3	pp. 1-11	--	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Karuna Markam	Digital Image Watermarking in Tampering using Different Techniques: a Survey.	International Journal for Scientific Research & Development (IJSRD)	Vol. 5	pp. 1345-1350	--	2017
Dr. Karuna Markam	Watermarking Algorithm for JPEG Compression and Extracted of Tampered Images using 3-level DWT SVD & FFT.	International Journal of Digital Electronics(IJDE)	Vol. 3	pp. 1-7	--	2017
Dr. Karuna Markam	Study and Analysis of Robust DCT-2L-DWT-SVD Domain based Digital Image Watermarking Techniques with Different Attacks using MATLAB.	International Journal of Image Processing and Pattern Recognition (IJIPPR)	Vol. 3	pp. 1-11	--	2017
Dr. Karuna Markam	Study and Analysis of Domain based Digital Image Watermarking Techniques: Survey.	Journal of Artificial Intelligence Research & Advances (JoAIRA)	Vol. 4	pp. 39-45	--	2017
Prof. Madhav Singh	Analysis of AODV, ZRP RIP routing protocol based on different Parameters in mobile Ad-Hoc Network	International Journal Of Broadband Cellular Communication	Vol. 2	PP. 10-18	--	--
Dr. Vikas Mahor	A state-of-the-art current mirror-based reliable wide fan-in FinFET domino OR gate design.	Circuits, Systems, and Signal Processing	Vol. 37, Issue 2	pp. 475-499	--	SCIE Indexed 2018
Dr. Vikas Mahor	An Aging-Aware Reliable FinFET-Based Low-Power 32-Word × 32-bit Register File.	Circuits, Systems, and Signal Processing.	Vol. 36, Issue 12	pp. 4789-4808	--	SCIE Indexed 2017
Dr. Vikas Mahor	Future of VLSI Design: The FinFET Logic Circuits.	International Journal of Electronics, Electrical and Computational System	Vol. 6, Issue 11	pp. 243-248	--	2017



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Dr. Vikas Mahor	A NBTI tolerant technique for FinFET based wide fan-in dynamic logic.	IEEE 2017 International Conference on Information and Communication Technology (CICT)	--	pp. 1-6	--	February, 1-6, 2017.
Dr. Sarthak Singhal	CPW-Fed Circular Shaped Fractal Antenna With Third Iterative Orthogonal Elliptical Slots for UWB Applications.	International Journal of Microwave and Wireless Technologies.	Vol. 9	pp. 373-379	--	SCIE Indexed March 2017
Dr. Sarthak Singhal	Hexagonal Tree Shaped Fractal Antenna For UWB Applications.	International Journal of Electronics Letters	Vol. 5	pp. 335-348	--	SCIE Indexed 2017
Dr. Sarthak Singhal	Asymmetrically CPW-Fed Hourglass Shaped UWB Monopole Antenna With Defected Ground Plane.	Wireless Personal Communication, Springer	Vol. 94	pp 1685–1699	--	SCIE Indexed June 2017
Dr. Sarthak Singhal	CPW-Fed Octagonal Super Wideband Fractal Antenna With Defected Ground Structure.	IET Microwaves, Antennas & Propagation.	Vol. 11	pp. 370-377	--	SCIE Indexed February 2017
Dr. Sarthak Singhal	Modified Star-Star Fractal (MSSF) Super-Wideband Antenna.	Microwave and Optical Technology Letters	Vol. 59	pp. 624-630,	--	SCIE Indexed March 2017
Dr. Sarthak Singhal	Asymmetrically Fed Octagonal Sierpinski Band Notched Super Wideband Antenna.	Journal of Computational Electronics, Springer	Vol. 16	pp. 210-219	--	SCIE Indexed March 2017
Dr. Sarthak Singhal	Asymmetrically CPW-Fed Ladder-Shaped Fractal Antenna For UWB Applications.	Analog Integrated Circuits and Signal Processing,	Vol. 92	pp 91-101	--	SCIE Indexed July 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr. Sarthak Singhal	Multiport MIMO antennas with mutual coupling reduction techniques for modern wireless transceive operations: A review.	International Journal of RF and Microwave Computer-Aided Engineering.	Vol. 28	pp. 1-13	--	SCIE Indexed February 2018
Dr. Sarthak Singhal	Meander line MIMO antenna for 5.8 GHz WLAN application.	International Journal of RF and Microwave Computer-Aided Engineering.	Vol. 28,	pp. 1-8	--	SCIE Indexed May 2018
Dr. Sarthak Singhal	Folded-Slot Active Tag Antenna For 5.8 GHz RFID Applications.	Progress In Electromagnetics Research C.	Vol. 82	pp. 89-97	--	SCIE Indexed 2018
Dr. Sarthak Singhal	Octagonal Sierpinski Band Notched Super Wideband Antenna With Defected Ground Structure and Symmetrical Feeding	Journal of Computational Electronics, Springer	--	pp. 1-11	--	Accepted) SCIE Journal
Dr. Sarthak Singhal	Feather Shaped Hyper-Band Antenna.	International Journal of Engineering Technology Science and Research (IJETSR).	Volume 4	pp. 416-421	--	September 2017
Dr. Sudhakar Modem	Performance of Analog Network Coding Based Two-Way EH Relay With Beamforming.	IEEE Transactions on Communications	Vol. 65	pp. 1518-1535	--	April 2017
Dr. Sudhakar Modem	Optimization of Links with a Battery-Assisted Time-Switching Wireless Energy Harvesting Relay.	IEEE System Journal, IEEE early access [online]. DOI : 10.1109/JSYST.2017.2771	--	pp. 1-8	--	November 2017
Dr. Sudhakar Modem	Optimization of Cognitive Two-Way Networks With Energy Harvesting Relays.	IEEE Communications Letters.	Vol.21	pp. 1381-1384	--	June 2017
Dr. Ashish Gupta	Analytical Insights Into Parameter Estimation for Wiener Deconvolution.	IEEE Transactions on Instrumentation and Measurement	Vol. 66	pp. 2566-2575	--	October 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Prof. Chaitanya Dhopte	Understanding the Spin Transport in MgO–HfO ₂ Bilayer Insulating Barrier Magnetic Tunnel Junction	Journal of Nanoelectronics and Optoelectronics	Volume 12	pp. 661-665	--	July 2017
Prof. Ranbeer Tyagi	The Performance Study of NLMS Algorithm for Acoustic Echo Cancellation	IEEE International Conference	Vol. 4	pp. 1-5	India	17-19 Aug.-2017
Prof. Ranbeer Tyagi	Estimation Techniques: Adaptive and Kalman filter for speech processing.	National Conference	Vol. 1, No. 1	pp. 99-104	India	March, 2017
Prof. Abhilasha Sharma	A Review on Passive Network Synthesis using Cauer Form.	World Journal of Wireless Devices and Engineering	Vol.1	pp. 39-46	MITS, Gwalior	2017
Prof. Abhilasha Sharma	Compressive Sensing	International Journal of Engineering Technologies and Management Research	Vol.5	pp. 249-259	Amity University, Gwalior	2018
CSE/IT						
Sowkarthika B, Akhilesh Tiwari, R.K. Gupta, Uday Pratap Singh	Utility And Significance Of Vague Set Theory And Advanced Optimization Mechanisms For Uncertainty Management	Soft-Computing-Based Nonlinear Control Systems Design, IGI Global USA	--	191-219	--	2018
Shalini Stalin, Priti Maheshwary, Piyush Kumar Shukla, Akhilesh Tiwari, Ankur Khare	Fast Chaotic Encryption Using Circuits For Mobile And Cloud Computing: Investigations Under The Umbrella Of Cryptography	Soft-Computing-Based Nonlinear Control Systems Design, IGI Global USA	--	252-277	--	2018
Pankaj Agrawal, Akhilesh Tiwari, Uday Pratap Singh	An Innovative Design Of RF Energy Harvester For Wireless Sensor Devices	Soft-Computing-Based Nonlinear Control Systems Design, IGI Global USA	--	311-342	--	2018



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Shraddha Pandit, Piyush Kumar Shukla, Akhilesh Tiwari	Fractal Compression of an AVI Video File using DWT and Particle Swarm Optimization	International Journal of Computer Science and Information Security	Vol.16, No.1	128-131	--	2018
Shraddha Pandit, Piyush Kumar Shukla, Akhilesh Tiwari	A Proficient Video Compression Method Based On DWT & HV Partition Fractal Transform Function	International Journal of Scientific Engineering And Technology	Volume 7, Issue 2	20-24	--	2018
Shraddha Pandit, Piyush Kumar Shukla, Akhilesh Tiwari	Enhance the Performance of Video Compression Based on Fractal H-V Partition Technique with Particle Swarm Optimization	International Journal of Computer Science And Engineering	Volume 6, Issue 1	31-35	--	2018
Uday Pratap Singh, Akhilesh Tiwari, Rajeev Kumar Singh	Approximation Of Nonlinear Discrete-Time System Using FA-Based Neural Network	Granular Computing (Springer International Publishing)	Volume 3, Issue 1	49-59	--	2018
Vishakha Agarwal, Akhilesh Tiwari, R.K. Gupta, Uday Pratap Singh	Discovering Optimal Patterns For Forensic Pattern Warehouse	Advances in Intelligent Systems and Computing(SCOPUS) (Springer Nature Singapore)	Series Volume 562	101-108	--	2018
Uday Pratap Singh, Akhilesh Tiwari, Rajeev Kumar Singh	Nature-Inspired-Based Adaptive Neural Network Approximation For Uncertain System	Handbook Of Research On Emergent Applications Of Optimization Algorithms(IGI Global USA)	--	439-461	--	2017
Saurabh Singh, Shashikant Verma, Akhilesh Tiwari, Divyani Indurkha, Aditya Tiwari	An Innovative Investigation on The Importance of Link in Terrorist Network Using Prim's Algorithm (Anti - Terrorism Approach)	Journal Of Advanced Research in Dynamical and Control Systems (SCOPUS)	Volume 9	316-331	--	2017



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Kunal Gupta, Rajni Ranjan Singh	A Survey On Web Application Attack Detection Methods	International Journal Of Advanced Research In Computer Science	8	565-569	--	July 2017
Ekta Parihar, Khushboo Agarwal	An Efficient Approach For Eliminating The Sybil, Sinkhole And Wormhole Attack In WSN	International Journal of Advanced Research in Computer Science	8	1212-1216	--	Aug. 2017
Krishna Kumar Sharma, Dheeraj Gurjar, Monika Jyotyana, Vinod Kumari	Denoising Of Brain MRI Images Using A Hybrid Filter Method Of Sylvester-Lyapunov Equation And Non Local Means	International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2018)	--	--	DAVV, Indore	April 2018
Manish Dixit	Survey Paper On Image Encryption Steganography With Its Techniques	International Journal For Science And Advance Research In Technology	3	--	--	July 2017
Manish Dixit	An Exposure Based Technique With Dwt To Enhance The Image	International journal Of Engineering Research In Computer Science And Engineering	4	--	--	August 2017
Manish Dixit	Analysis On Applicability And Feasibility Of Dynamic Programming On The Basis Of Time Complexity And Space Through Case Studies	International Conference On Data Engineering And Application 2017	--	--	Bhopal	28-29 October 2017
Manish Dixit	All Time Tracking System For Recovering Stolen Devices Even In Power Off State	International conference On Communication Systems And Network Technologies	--	--	IIT Nagpur	11-13 Nov. 2017



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Amit Kumar Manjhvar	Relation Classification From Unstructured Medical Text Using Feature Based Machine Learning Approach	International Conference On Trends In Electronics And Informatics	--	--	--	11-12 May 2017
Manish Dixit	A Refined Approach Of Image Retrieval Using Rbf-Svm Classifier	International Journal of Signal Processing, Image Processing And Pattern Recognition	10	2005-4254	SERSC Australia	16 Oct. 2017
Amit Kumar Manjhvar	A Model For Forecasting Dengue Disease Using Genetic Based Weighted FP- Growth	International Conference On Trends In Electronics And Informatics	--	944-948	--	--
Amit Kumar Manjhvar	Role Of Clustering In Crime Detection: Application Of Fuzzy K-Means	Advances in Computer and Computational Sciences (Springer Nature Singapore)	--	591-599	--	2018
Garima Agrawal, Abhilash Sonker	Improving Confidentiality, Integrity, Authenticity In Mobile Wallet	International Journal of Computer Sciences And Engineering	--	181-184	--	2017
Garima Agrawal, Abhilash Sonker	Enhancing Confidentiality, Integrity, Authenticity & Non-Repudiation Using Aes & Ecc In Mobilewallet	International Journal of Creative Research Thoughts	Vol.5	--	--	2017
Abhishek Agrawal, Abhilash Sonker	A Secure Routing Using DIGItal Envelope In Mobile Ad Hoc Network	International Journal of Creative Research Thoughts	--	--	--	2017
Abhishek Agrawal, Abhilash Sonker	A Review Of Different Routing Protocols In Mobile Ad Hoc Network	International Journal of Advance Engineering And Research Development	--	--	--	2017
Manish Dixit, RR Singh, Shivangi Seth	Hybridized Combinational Feature Selection Framework For Network Intrusion Detection System (HCFSF)	Indian Journal of Computer Science And Engineering (IJCSSE)	8	260-267	--	July 2017



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Jaimala Jha, Ravi Devesh	Retrieval Of Monuments Images Through ACO Optimization Approach	International Research Journal of Engineering and Technology	4	279-285	--	July 2017
Kritika Yadav, Mahesh Parmar	Analysis Of Mahatma Gandhi National Rural Employment Guarantee Act Using Data Mining Technique	International Journal of Computational Intelligence Research (IJCIR)	Volume 13, Number 9	2221-2235	--	November 2017
Biotechnology						
Sharad Verma, Sukriti Goyal, Anchala Kumari, Aditi Singh, Salma Jamal, Abhinav Grover	Structural investigations on mechanism of lapatinib resistance caused by HER-2 mutants	PLOS ONE	--	--	NA	2018
Sharad Verma, Sukriti Goyal, AnchalaKumari, Aditi Singh, Salma Jamal, Bharti Pandey, Siddharth Sinha, Abhinav Grover	Insight into the inhibitor discrimination by FLT3 F691L	Chemical Biology and Drug Design	--	--	NA	2018
PrangyaRanjanRout, Rajesh Roshan Dash, Puspendu Bhunia, Surampalli Rao	Role of Bacillus cereus GS-5 strain on simultaneous nitrogen and phosphorous removal from domestic wastewater in an inventive single unit multi-layer packed bed bioreactor	Bioresource Technology	--	--	NA	2018



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Humanities						
Sufia Azim	Paper Published On Interpersonal Strategies Used In Business Communication In The Journal Of National Development	Journal of National Development	VOL 26	--	Meerut	2017
Mohd Jamshed & Qazi Hasan Yasir	“Dismantling the Patriarchal Structures and Empowering the Oppressed Women”	Ugc Approved Peer Reviewed Journal, Langlit (Issn: 2349-5189)	VOL 4, ISSUE 1	Sr No 49124	--	August 2017
Sanjeev Khanna	Socio-Cultural Convergence: A Critique of R. K. Narayan’s Select Novels. (A study of <i>The Guide, The Man-Eater of Malgudi, The Vendor of Sweets, and The Painter of Signs</i>).	ISBN 9789352071470. New Delhi: B.R. Publishing Corporation, 2017.	--	--	Jabalpur, Mp	2017
Applied Science						
Anjula Gaur et. al.	Performance Evaluation of Effluent Treatment plant of soap industry	International Journal of modern Trends in Engineering and Science	Vol-4, Issue 4	--	--	2017 ISSN: 2348-3121
Kumar Jitendra, Shinde Vikas and Santosh Baradwaj	Sale Checkout Operation In Big Bazaar Using Queuing Model,	International Journal of Mathematical Archive	Vol. 8, Issue 7	281 – 287	--	2017 ISSN :2229 – 5046
Kumar Jitendra, Shinde Vikas and Mukta Karla	Availability And Reliability Analysis Of Computer Systems	International Journal of Control Theory and Applications	Vol. 10(18),	266-275	--	2017 ISSN 0974-5572
Altaf Ahmad, D. K. Jain & Farooq Ahmad	Dirichlet Averages of Wright-Type Hypergeometric Function and Their q-Extension	International Journal of Computer & Mathematical Sciences IJCMS.	Vol. 6, Issue 6	110-114	--	2017 ISSN 2347 – 8527



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Altaf Ahmad, Renu Jain, &D.K. Jain	q- Analogue of Aleph Function and Its Transformation Formulae with q-derivative,	International Journal of Statistics Applications & Probability Sciences.	Vol. 6, Issue 3	567-575	--	2017
Uday Pratap Singh et al.	Approximation of Nonlinear Discrete Time System Using FA Based Neural Network	Granular Computing (Springer)	--	--	--	2017
Uday Pratap Singh et al.	Optimization of Neural Network for Nonlinear Discrete Time System Using Modified Quaternion Firefly Algorithm: Case Study of Indian Currency Exchange Rate Prediction	Soft Computing (Springer), SCI Index IF: 2.47, DOI: 10.1007/s00500-017-2522-x,	--	--	--	2017, ISSN: 1433-7479.
Altaf Ahmad, Renu Jain, D.K.Jain& Farooq Ahmad	Images of Wright-Type Hypergeometric Function Mittag-Leffler functions under a Generalized W-E-K Fractional Operator	Jnanabha.	Vol. 47, No.2	235-240	--	2017 ISSN:0304-9892
Altaf Ahmad, D. K. Jain&Farooq Ahmad	Dirichlet Averages of Generalized Fox-Wight Function	MAYFEB Journal of Mathematics.	Vol.4	28-32	--	2017 ISSN:2371-6193
Altaf Ahmad, Renu Jain, &D. K. Jain	Certain Expansion Formulae Involving a Basic Analogue ofMittag-Leffler Function	MAYFEB Journal of Mathematics.	Vol. 4	67-72	--	2017 ISSN 2371 – 6193
Altaf Ahmad, Renu Jain, D. K. Jain& Farooq Ahmad:	Images of Wright-Type Hypergeometric Function Mittag-Leffler functions under a Generalized W-E-K Fractional Operator,	Jnanabha.	Vol. 47, No.2	235-240	--	2017 ISSN:0304-9892



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Altaf Ahmad, D. K. Jain&Renu Jain	Generating Functions Of q-Analogue Of I-Function Satisfying Truesdell's Descending Fq-Equation	Journal of New Theory.	No. 19	48-55	--	2017 ISSN: 2149-1402
Farooq Ahmad, D. K. Jain& Alok Jain,.	Certain expansion formulae involving a basic analogue of I-function	JK Research Journal in Mathematics and Computer Sciences.	Vol. 1, No.1	68-73,	--	2018
Uday Pratap Singh et al.	Soft Computing approaches for Image Segmentation: A Survey	Multimedia Tools and Applications (Springer), SCI Index, IF: 1.53.	--	--	--	2018, ISSN: 1573-7721.
Uday Pratap Singh et al.	Image Segmentation using Computational Intelligence Techniques: Review	Archives of Computational Methods in Engineering (Springer), SCI Index, IF: 5.061, DOI: 10.1007/s11831-018-9257-4.	--	--	--	2018, ISSN: 1886-1784.
Uday Pratap Singh et al.	Bacterial Foraging Optimization Based Radial Basis Function Neural Network (BRBFNN) for Identification and Classification of Plant Leaf Diseases: An Automatic Approach Towards Plant Pathology	IEEE Access (IEEE), SCI Index, IF: 3.244, DOI: 10.1109/ACCESS.2018.2800685,	--	--	Accepted,	2018, ISSN: 2169-3536.
Uday Pratap Singh et al.	Gradient evolution-based counter propagation network for approximation of noncanonical system	Soft Computing (Springer)	--	--	--	2018



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Ashish Verma et al	Generalized incomplete Pochhammer symbols and their applications to hypergeometric functions.	Kyungpook Math. J.	58, No. 1	67-79	--	2018
Ashish Verma et al	Recursion Formulas for q-hypergeometric and q-Appell Series.	Korean Math. Soc.	33 , No. 1	207-236	--	2018
Sonal Jain et al	Numerical Analysis for the Fractional Diffusion and Fractional Buckmaster's Equation by Two Step Adam-Bashforth Method	Eur. Phys. J. Plus, SCI, Impact Factor: 1.750, 33:19, https://doi.org/10.1140/epj/p/i2018-11854-x .	--	--	--	2018
Sonal Jain et al	Mathematical Modelling and analysis of Dynamics of Cytosolic Calcium Ion in Astrocytes Using Fractional Calculus	Journal of Fractional Calculus and Applications,	Vol. 9 No.2	--	--	2018
Farooq Ahmad, D. K. Jain & Alok Jain	The classical Laplace transform and its q-image of the most generalized hypergeometric and Mittag-Leffer functions	Pramana Research Journal	Vol. 8, No.5	66-71	--	June 2018
Sonal Jain et al	Numerical Analysis for the Fractional Diffusion and Fractional Buckmaster's Equation by Two Step Adam-Bashforth Method	Eur. Phys. J. Plus, SCI, Impact Factor: 1.750, 33:19, https://doi.org/10.1140/epj/p/i2018-11854-x .	--	--	--	2018
MCA						
Parul Saxena, R. S. Jadon	A Survey on Video Object Abstraction Technique	International Journal of Latest Trends in Engineering and Technology	Vol. (8), Issue (4-1)	pp. 210-214		August 2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Sandeep Rathor, R. S. Jadon	Novel Approach for Domain Recognition of Professional Speech Conversation using Gaussian Naïve Bayes and KNN Classifier	Invertis Journal of Science & Technology	Vol. 11, No. 2, 2018	pp. 62-67 DOI No. : 10.5958/2454-762X.2018.00008.2		30-Apr-2018
S. Rathor & R. S. Jadon	Sentiments and Domain Analysis of Text Sentences Using POS Tagging & Machine Learning Approach	International Journal of Computer Sciences and Engineering	Vol. 6, issue 6	pp. 1362-1365		Jun- 2018
Sandeep Rathor & R. S. Jadon	Novel Approach for Domain Recognition of Professional Speech Conversation using Gaussian Naïve Bayes and KNN Classifier	International Conference on Technology for Education, Training and Business (ICTETB 2018) at Noida international university, Greater Noida,		pp. 1-5		April 05-06,2018
Sandeep Rathor & R. S. Jadon	Domain Classification of Textual Conversation Using Machine Learning Approach	In Proceedings of the 9th IEEE International Conference on Computer, Communication and Network Technology (ICCCNT)-2018, at IIScBangaluru				July 10-12, 2018
Goyal S.J., Upadhyay A.K., Jadon R.S., Goyal R. (2018)	Real-Life Facial Expression Recognition Systems: A Review. In: Satapathy S., Bhateja V., Das S. (eds) Smart Computing and Informatics. Smart Innovation, Systems and Technologies	Springer, Singapore	Vol. 77	Page 311-331		2018



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
ARCHITECTURE						
Dr.Alok Sharma	Energy Efficient Buildings	IJIRMP	Volume 6, Issue 04	ISSN: 2349-7300		2018
Dr.AlokSharma	Transit Oriented Development	IJIRMP	Volume 6, Issue 4	2018 ISSN: 2349-7300		2018
Dr.Alok Sharma	Urban sprawl Analysis Using GIS Applications for Jabalpur City	IRJET	05 Issue-05			May 2018
Dr. Sanjay Singh Jadon	Decentralized Waste Management : Analysis for Residential Localities of Gwalior City	IRJET	Volume 05 Issue 06			June 2018
Dr. Anjali S.Patil	Tourism as a Medium for Social & Economic Regeneration: A Case of Small Historic Town Morena, Madhya Pradesh	IJSRD - INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT	VOL. 6	ISSN (ONLINE): 2321-0613		Issue 04, 2018
Ar. RichaMaisra	Cultural Landscape of Asia : understanding and managing Heritage value, context 2017-.	Journal of the development and research org. For Nature , Arts and Heritage in collaboration with UNESCO (New Delhi) and WLL			NEW DELHI	2017
Ar. RichaMaisra	Tourism as a Medium for Social & Economic Regeneration: A Case of Small Historic Town Morena, M.P.	IJSRD - INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT	VOL. 6	ISSN (ONLINE) : 2321-0613		Issue 04, 2018
Ar. Pranshi Jain	Cultural Landscape of Asia : understanding and managing Heritage value, context 2017	Journal of the development and research org. For Nature , Arts and Heritage in collaboration with UNESCO (New Delhi) and WLL			NEW DELHI	2017



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Name of author(s)	Title of paper	Name of Journal/ Conference	Volume	Pages	Place (for conferences)	Month/Year of publication
Dr.Alok Sharma	Delivered Expert lecture on : Mitawali near Gwalior- a structure of Parmar Region		Title		Bhopal (International Conference and Expo on “ Raja Bhoj’s “ Contribution on Arch. Planning and its relevance today)	23.12.17

10. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR OF JOURNALS

Civil Engineering :

S. No.	Name of Faculty	Citations	h-index	i10-index
1	Dr. S. K. Jain	378	8	8
2	Dr. R. Kansal	21	2	1
3	Dr. S. Tiwari	6	2	0
4	Prof. Gautam Bhadoria	02	1	0
5	Prof. A. K. Agrawal	03	1	0



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Mechanical Engineering :

S. No	Name of Faculty	Citation	h-index	i10-index
1.	Dr. Manoj Gaur	156	2	0
2.	Dr. Pratesh Jayaswal	303	6	6
3.	Dr. C.S Malvi	110	5	1
4.	Dr. Manish Sagar	40	4	0
5.	Prof. Vedansh Chaturvedi	215	8	7
6.	Dr. Jyoti Vimal	120	7	4
7.	Prof. Dinesh Kasdekar	16	2	0
8.	Prof. Sharad Aggarwal	6	0	0
9.	Prof. Vaibhav Shivhare	21	3	0
10.	Dr. Amit Aherwar	119	6	3
11.	Dr. Dharmendra Jain	17	3	0

Electrical Engineering :

S. No.	Name of Faculty	Source	Citations	h-index	i10-index
1.	Dr. Laxmi Srivastava	Google Scholar	2058	22	52
		Scopus	1272	18	
		Research Gate	1501		
2.	Dr. Manjaree Pandit	Google Scholar	1808	20	36
		Scopus	1092	16	
		Research Gate	1293		
3.	Dr. A K Wadhvani	Scopus	164	6	
4.	Dr. Sulochana Wadhvani	Scopus	40	5	
5.	Dr. Harimohan Dubey	Google Scholar	460	12	15
		Scopus	169	7	
		Research Gate	278		



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S. No.	Name of Faculty	Source	Citations	h-index	i10-index
6.	Dr. Shishir Dixit	Google Scholar	63	4	3
		Scopus	26	3	
		Research Gate	319		
7.	Prof. Himmat Singh	Google Scholar	107	6	2
8.	Prof. Kuldeep Kumar Swarnkar	Google Scholar	103	6	3
9.	Prof. Praveen Bansal	Google Scholar	10	2	-
		Scopus	1	1	
10.	Prof. Vishal Chaudhary	Google Scholar	19	1	1
		Research Gate	5		

Electronics Engineering :

S. No.	Name of Faculty	Citation	h-index	i10-index
1	Dr. P.K. Singhal	610	11	14
2	Dr. Rekha Gupta	169	6	3
3	Dr. Vandana Vikas Thakare	112	6	4
4	Dr. Bimal Garg	192	8	5
5	Dr. Laxmi Shrivastava	234	9	9
6	Prof. R.P. Narwaria	36	3	2
7	Prof. Karuna Markam	4	1	0
8	Prof. Madhav Singh	10	1	0
9	Prof. Deep Kishore Parsediya	12	2	0
10	Dr. Sarthak Singhal	76	4	2
11	Dr. Vikas Mahor	19	2	0
12	Prof. Ranbeer Tyagi	38	4	1



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CSE/IT

S. No.	Name of Faculty	Citation	h-index	i10-index
1	Dr.Akhilesh Tiwari	246	9	9
2	Dr. Manish Dixit	179	8	7
3	Prof. Khushboo Agarwal	3	1	0
4	Prof. Punit K. Johari	59	4	1
5	Dr. Sanjeev Sharma	3328	27	59
6	Prof. Abhilash Sonker	5	1	0
7	Prof. Jaimala Jha	17	2	0
8	Prof. Jamvant S. Kumare	5	1	0
9	Prof. Rajeev K. Singh	95	5	2
10	Prof. Neha Bhardwaj	23	2	0
11	Prof Rajni Ranjan Makwana	34	4	0
12	Prof. Mahesh Parmar	18	3	0
13	Prof. Amit Manjhar	12	2	0
S. No.	Name of Faculty	Citation	h-index	i10-index
14	Prof. Vishakha Agrawal	2	1	0
15	Prof. Nishtha Parashar	4	1	0
16	Prof. Abhishek Dixit	2	1	0

Chemical :

S. No.	Name of Faculty	Citation	h-index	i10-index
1	Prof. Sumint Singh Trivedia	36	3	1

Biotechnology :

S. No.	Name of Faculty	Citation	h-index	i10-index
1	Dr. Sunita Sharma	93	6	4
2	Dr. Sharad Verma	265	7	6
3	Dr. Prangya Ranjan Rout	138	6	4
4	Mr. Vinod Kumar Jatav	12	2	0



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Applied Science :

S.No.	Name of faculty	Citation	h-index	i10-index
1	Dr. D.K. Jain	12	2	0
2	Dr. Anjula Gaur	03	1	0
3	Dr. Shourabh Bhattacharya	85	4	3
4	Dr. Uday Pratap Singh	112	6	4
5	Dr. Deobrat Singh	04	1	0
6	Dr. Prachi Sharma	05	1	0
7	Dr. Gargi Mukherjee	520	9	9
8	Dr. Jashobanta Sahoo	100	6	3
9	Dr. Ashish Verma	12	3	0
10	Dr. Sonal Jain	33	3	0

MCA

S. No.	Name of Faculty	Citation	h-index
1	Dr. R. S. Jadon	434	8.0
2.	Dr. Anshu Chaturvedi	86	3

11. PATENTS GENERATED, IF ANY

S.No.	Patent	Applicant	Year of Application	Application No.
CS/IT				
1	Portable Phone Charger (Conceptualization & Modeling)	Dr. Akhilesh Tiwari	2017 (under process)	201621042556A
Biotechnology				
1	A Single Unit Fixed Bed Reactor For Simultaneous Hetroptropic Nitrification-Denitrification Adsorptive Coupled Denitrifying Phosphate Removal From Waste Water	-	-	201731036014



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12. INNOVATIONS INTRODUCED DURING THIS ACADEMIC YEAR

Electrical Engineering

1. Online Feedback using MOODLE

The constraints of pen and paper method of receiving feedbacks are many, which render the whole process meaningless. The main constraints in this method are- cost of printing which increases with the increase in number of questions. Moreover, the students lose interest in filling those never-ending sheets of paper, and the sheets from the booklets also. In such scenario, the data obtained, from the feedback are not complete and are unreliable. In addition to that, this data can't be analyzed deeply, without investing tremendous amount of resources.

In such a scenario, this year, the student feedback about different Faculty member and courses has been obtained using an online platform, MOODLE. Use of MOODLE for obtaining feedback has resulted in overwhelming participation from students. Moreover, the completeness of data is also guaranteed. The length of feedback questionnaire can be increased without any problem. In addition to that, the data obtained can be analyzed in multitude ways, very easily.

2. Introduction of NPTEL courses under SWAYAM

During the last few years, the awareness among engineering students about social media has increased exponentially. The inclination among present day students is towards learning from online platforms, where they can learn at their own pace in their own time, at a place of their choice. SWAYAM is an initiative whose motive is to exploit this tendency of students for online learning. Under SWAYAM, the following courses have been selected among the various offered by National Programme on Technology Enhanced Learning (NPTEL):

BE 2nd year- *Basic Electronics*

BE 3rd year- *MATLAB Programming for Numerical Computation*

ME 1st year- *Industrial Automation & Control*

The lectures of the above mentioned courses are available on www.youtube.com, where a student can watch them and learn. These courses also include assignments given by Instructors assigned to these courses. These assignments are submitted using Google Classroom, which facilitates transparency and continuity in the evaluation of students. Moreover, a student receives prompt results.



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CSE/IT

1. Innovation in Teaching Learning Process

- Promotion of SWAYAM/NPTEL courses
- Adoption of MOODLE for Quiz conduction and Feedback purpose (CO/PO/Faculty/Curriculum Feedback etc.)

13. INTERNAL RESOURCES GENERATED, IF ANY

Civil Engineering

Item	Description	Amount Rs.
Testing	Testing of Various Lab.	2845049
Consultancy	C.M.O., Nagar Palika Shivpuri	54600
	C.M.O. Nagar Parishad, Ishagarh, Ashoknagar	14000
	C.M.O., Nagar Palika Parishad, Distt. Panna	21000
	C.M.O., Nagar Palika , Chhatarpur	84000
	S.K. Suneja, Consulting Engg. Gwalior	21000
	M/S Techno Consultant Pvt. Ltd.	44800
	C.M.O., Nagar Palika Parishad, Distt. Gwalior	21000
	C.M.O., Nagar Palika Nigam Distt. Bhind	21000
	C.M.O., Nagar Panchyat, Distt. Bhind	21000
	C.M.O. Nagar Parishad Banmore, Morena	21000
	C.M.O. Nagar Parishad, Ashoknagar	42000
	C.M.O. Nagar Parishad, Rehli	28000
	EE, Bhandar Distt. Datia	21450
	University Engineer, J.U. Gwalior	21450
	M/S Asha Techno Consultant, Chhatarpur	40040
	A.E. M.P. Housing Infra Div. Board, Sheopur	53200
	C.M.O. Nagar Parishad, Distt. Bhind	22880
	EE, IIDC, Gwalior	29500
	EE, Municipal Corp., Morena	295000
	C.M.O. Nagar Parishad, Gormi	22880
Total Rs.		3744849



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Electrical Engineering

S. No.	Name & Address of Parties	Service Provided	Receipt no. & date	Amount(Rs.)
1.	M/s Harsit Textiles Pvt. Ltd. , Gwalior	Equip. Testing	2137/03.04.17	7000.00
2.	M/s Montage Enterprises P Ltd, Malanpur	Oil Testing	2138/31.05.18	4760.00
3.	M/s Punj Lloyd Ltd. , Malanpur	Oil Testing	2149/10.07.17 22/18.07.17	4900.00 262.00
4.	M/s Tripti Alcobrew P Ltd., Banmore	Oil Testing, Equip. Testing	27/04.08.17	7965.00
5.	M/s S & S Engineers. , Gwalior	Equip. Testing	2148/23.11.17	1475.00
6.	M/s Jha E & E and Refrigeration , Gwalior	Equip. Testing	2141/24.11.17	2950.00
7.	M/s J B Mangharam food P Ltd. , Gwalior	Oil Testing	2142/03.01.18	2066.00
8.	M/s Tripti Enterprises, Morena	Equip. Testing	2143/02.01.18	2950.00
9.	M/s Sanghvi Food Pvt. Ltd, Malanpur	Oil Testing	2144/04.01.18	2066.00
10.	M/s S & S Engineers. , Gwalior	Equip. Testing	2145/09.01.18	2145.00
11.	M/s Bharat Petroleum corp. Ltd. Rairu, Gwalior	Equip. Testing	2146/15.01.18	2213.00
12.	M/s Sterling agro Industries Ltd. Malanpur	Oil Testing	2147/06.02.18	5016.00
13.	M/s Pee Cee Cosma sope Ltd., Malanpur	Oil Testing	4802/09.02.18	1033.00
14.	Ms Gaurika Kadam , Gwalior	Equip. Testing	4803/23.02.18	2213.00
15.	M/s Sun Pharmaceutical Industries Ltd., Malanpur	Equip. Testing	4804/06.03.18	3688.00
16.	M/s The Supreme Industries Ltd., Malanpur	Oil Testing	51/22.03.18	5016.00
17.	M/s Far Seen Rubber Industries Ltd., Banmore	Oil Testing	2139/21.07.17	2065.00
		GRAND TOTAL = 59783.00		



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Applied Science

- Detail of oil testing/water testing /metal testing etc. is as follows:

S.No.	Year	Revenue Earned in Rs.
1	2017-2018	Rs. 10,325

14. MoUs SIGNED, IF ANY

Civil Engineering

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED
1	Engipress Industries Ltd. Gwalior	12 aug 2017 / one year	Industrial interaction of students Understanding the current practices in pre stressed concrete structure

Mechanical Engineering

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED
1	CIPET, Gwalior	2018	-

Electrical Engineering

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED
1.	M/S Maa Sharda Structure & Supplier Pvt. Ltd., Gwalior	19.07.2017for 3 Yrs.	1. Visit of 132KV distribution sub-station at Chinor 2. Installed Conductive Concrete based MS TM Earth Electrode



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Electronics Engineering

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED
1.	Sciencetech Technologies Pvt. Ltd. Indore.	12/11/2017-11/11/2020	-
2.	Smart controls India Pvt. Ltd. Gwalior.	12/11/2017-12/11/2020	-

CSE/IT

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED	REMARK
1.	Infosys Limited	June 2018 -June 2020	Proposed Activities: 1. Industry Tour for students in the month of July 2018 2. Faculty Enablement Programs(FEP) 3. Webinars 4. Training for Students	
2.	Electronics & ICT Academy PDPM IITDM Jabalpur	May 2018 Onwards	Proposed to conduct FDPs/Workshops under the collaboration and financial support from E & ICT Academy, IITDM Jabalpur	

Biotechnology

S. NO.	NAME OF THE FIRM	DATE/VALIDITY	ACTIVITIES CONDUCTED
1.	Eminent Biosciences, Indore	3 Years (2017-2020)	Under Process

MCA

- Singed an MOU with Arena Multimedia for providing training to MCA students for multimedia and related technologies.



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15. DETAILS OF Ph.D. CANDIDATES

Civil Engineering

S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1	Dr. M.K. Trivedi	Dr. Rakesh Kumar Gupta	2017	-	Use of Soft computing method in Civil Construction	RGPV, Bhopal
2	Dr. S.K. Jain Dr. S. Tiwari	L.K. Jain	2008	-	Seismic Protection of Heritage Buildings	RGPV, Bhopal
3	Dr. S.K. Jain Dr. S.S. Bhadauria	Ashutosh Shankar Trivedi	2012	-	Corrosion behavior of steel in Reinforced Concrete	RGPV, Bhopal

Mechanical Engineering

S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1	Dr. P Jayaswal	Arvind Singh Tomar	20-02-2018	On Going	Vibration Analysis Of Rolling Element Bearing.	RGPV, Bhopal
2	Dr. C.S. Malvi/ Dr. M.K. Gaur	Nagendra Sharma	2018	On Going	Desing Of Cooling Based Pvt System	RGPV, Bhopal

Electrical Engineering

S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1.	Dr. Laxmi Srivastava	Himmat Singh Ahirwar	16-02-12	Pre- submission Feb. 2018	Evolutionary Computing based Approach for Reactive Power Management	RGPV, Bhopal



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S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
2.	Dr. Laxmi Srivastava Dr. Manjaree Pandit	Sarika Varshney	24-02-2-12	Ongoing	Integrated Security Assessment of Power System Using Distributed Computing and its Enhancement	RGPV, Bhopal
3.	Dr. Seema N. Pandey Dr. Laxmi Srivastava	Abhishek Saxena	16-02-12	Ongoing	Assessment and analysis of wheeling prices in restructured power system using AI techniques	RGPV, Bhopal
4.	Dr. Seema N. Pandey Dr. Laxmi Srivastava	Anjali Agrawal	16-02-12	Ongoing	Development of Financial Mechanisms for Managing Congestion in Competitive Power Markets	RGPV, Bhopal
5.	Dr. Laxmi Sivastava Dr. Manjaree Pandit	Shraddha Udgir	RDC due	Ongoing	Soft-Computing Techniques for Optimal Allocation of FACTS Devices to Improve Power System Performance	RGPV, Bhopal
6.	Dr. Laxmi Sivastava Dr. A.K. Jain, RJIT, Tekanpur, Gwl	Ashish Gupta	06-10-15	Ongoing	Integration of Distributed Generation in Electricity Distribution Network	RGPV, Bhopal
7.	Dr. L. Srivastava, Dr. Manjaree Pandit	Nikhil Paliwal	12-02-18	Course work ongoing	Admitted, Course work	RGPV, Bhopal
8.	Dr. Manjaree Pandit	Poonam Gupta	16-02- 12	Ongoing	Evolutionary optimization techniques for power system operation	RGPV, Bhopal



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S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
9.	Dr. Manjaree Pandit Dr. D.P. Kothari, Ex. Prof. IIT, Delhi	Peeyoosh Gupta	22-01-14	Ongoing	Economic operation of power system with integration of renewable energy using nature inspired optimization techniques	RGPV, Bhopal
10.	Dr. Manjaree Pandit	Vishal Chaudhary	07-11- 14	Ongoing	Operational issues due to integration of Renewable Energy Resources into the Power System: Investigation & Solution.	RGPV, Bhopal
11.	Dr. Manjaree Pandit Dr. Laxmi Sivastava	Nitin Saxena	RDC due	Ongoing	Integration of renewable energy sources into power grid	RGPV, Bhopal
12.	Dr. Manjaree Pandit	Sunita Shukla	02-06-15	Ongoing	Investigation of dynamic economic dispatch problem with renewable energy sources	RGPV, Bhopal
13.	Dr. A.K. Wadhvani Dr. S. Wadhvani, Dr. S. S. Bhadauria	Shalini Sahay	19-02-12	Ongoing	Computer Aided Analysis of ECG Signal –Fatal Case	RGPV, Bhopal
14.	Dr. A.K.Wadhvani	Manoj Kumar Bandil	25-04-13	Ongoing	Analysis of EEG for Epilepsy using Wavelet/ANN	RGPV, Bhopal
15.	Dr. A.K. Wadhvani Dr. Y. Kumar, MANIT, Bhopal	Shilpi Sisodia	25-04-13	Ongoing	Improving Security for SCADA Control Systems	RGPV, Bhopal



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S.No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
16.	Dr. A.K.Wadhvani Dr. Y. Kumar, MANIT, Bhopal	Pallavi Bondriya	25-04-13	Ongoing	Investigation of Reliability on Distributed Generation	RGPV, Bhopal
17.	Dr. A.K.Wadhvani	Hemant Amahia	01-09-15	Ongoing	Design & Development of ECG Signal based disease diagnostic system	RGPV, Bhopal
18.	Dr. A.K. Wadhvani	Monika Saraswat	01-08-17	Course work ongoing		RGPV, Bhopal
19.	Dr. S. Wadhvani Dr. A.K. Wadhvani	Alka Thakur	20-06-11	Ongoing	Fault Detection and Analysis in Rotating Electrical Machine Using Soft Computing Techniques	RGPV, Bhopal
20.	Dr. S. Wadhvani Dr. Manjaree Pandit	Roopali Parmar	16-02-12	Ongoing	Congestion Management in Power System	RGPV, Bhopal
21.	Dr. S. Wadhvani Dr. A.K.Wadhvani	Manoj Ojha	21-07-12	Ongoing	Analysis of The Bio-Potential Signals for Disease Identification	RGPV, Bhopal

Electronics Engineering

S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1.	Dr. P.K.Singhal	Deep Kishore Parsediya	23/02/18	Regular	Communication/ Microwave Engg.	R.G.P.V Bhopal



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S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
2.	Dr. P.K.Singhal	Pooja Sahu	5/1/18	Regular	Communication/ Microwave Engg.	R.G.P.V Bhopal
3.	Dr. Rekha Gupta/Dr. Sarita Singh Bhadauria	Abhilasha Sharma	23/02/18	Regular	Embedded And Communication	R.G.P.V Bhopal
4.	Dr. Vandana Vikas Thakre/Dr.P.K. Singhal	Anshul Agrawal	5/1/18	Regular	Communication/ Microwave Engg.	R.G.P.V Bhopal
5.	Dr. Vandana Vikas Thakre/Dr.P.K. Singhal	Shailendra Singh	5/1/18	Regular	Communication/ Microwave Engg	R.G.P.V Bhopal
6.	Dr. Vandana Vikas Thakre	Mani Ram Rawat	3/3/18	Regular	Communication/ Microwave Engg	R.G.P.V Bhopal

CSE/IT

S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1	Dr. R.K. Gupta Dr. Akhilesh Tiwari	Prateek Gupta	02/02/2018	Course Work	Data mining	R.G.P.V Bhopal
2	Dr. Akhilesh Tiwari Dr. R.K. Gupta	Abhishek Dixit	02/02/2018	Course Work	Data mining	R.G.P.V Bhopal
3	Dr. R.K. Gupta Dr. Akhilesh Tiwari	Vishakha Agrawal	02/02/2018	Course Work	Data mining	R.G.P.V Bhopal
4	Dr. Akhilesh Tiwari Dr. R.K. Gupta	Nishtha Parashar	02/02/2018	Course Work	Data mining	R.G.P.V Bhopal
5	Dr. Manish Dixit	Khushboo Agrawal	10/04/2018	Course Work	Wireless Networks	R.G.P.V Bhopal



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Chemical Engineering

S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1	Dr. S. Prasad	Hotam Singh Choudhary	2012	Course Work Completed	Isolation And Identification Of Anti Biotic Drug	R.G.P.V Bhopal

Applied Science

S. No.	Name of supervisor/ co-supervisor	Name of Candidate	Status of Degree & Registration Date	Title/ Area	University
1	Dr. V.P. Shinde	Jitendra Kumar	Registered 22/02/2012	Performance Analysis of Some Queueing Models	Rajiv Gandhi Proudयोगiki Vishwavidyalaya, Bhopal
2	Dr. V.P. Shinde	Dilip Ku. Mishra	Registered 25/10/2016	A Study of Function Evaluation by Evolutionary Algorithm for Global Numerical Optimization	Barkatullah University, Bhopal, M.P
3	Dr. D K Jain	Durgesh Rastogi	Registered (RDC on 08/09/2011)	Mathematical modelling of bioheat transfer in human eye: A finite element approach	Jiwaji University, Gwalior
4	Dr. D K Jain	Mrs. Rohani Vaze	Registered (RDC on 15/03/2013 vide letter no. 1357dated 28.09.13)	A study of I-functions and their special cases with their applications to fractional calculus	Jiwaji University, Gwalior



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S. No.	Name of supervisor/ co-supervisor	Name of Candidate	Status of Degree & Registration Date	Title/ Area	University
5	Dr. D K Jain	Alok Jain	Registered No. 01 (RDC on 17/12/2015 vide letter no. 4556 dated 04/03/16))	A study of basic hypergeometric function with special reference to quantum calculus	Jiwaji University, Gwalior
6	Dr. D K Jain (Co-Guide)	Altaf Ahmad Bhat	Submitted synopsis (23/03/2017)	A study of basic hypergeometric functions and their generalizations with special reference to fractional and quantum calculus	Jiwaji University, Gwalior
7	Dr Uday Pratap Singh	Kavita Deshmukh	Awarded on 30/12/2017 RDC: 13/035 2013	Object retrieval and matching of content based images using different graphical models	AISECT, Bhopal
8	Dr Shourabh Bhattacharya (Co-Guide)	Anupma Agarwal	Registered (RDC on 10/05/2016 vide letter no. AU/ R &D /RDC 16/003	Analytical Investigation of Atmospheric Parameters in normalized and Perturbed conditions	AISECT, Bhopal

MCA

S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
1	Dr. R. S. Jadon	Ms. Parul Saxena	04.01.2013	Persuing	Semantic Interpretation for Surveillance using Machine Learning Techniques Video for	RGPV, Bhopal



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S. No.	Name of supervisor/ co-supervisor	Name of candidate	Registration date	Status	Title/area	University
	Dr. R. S. Jadon	Mr. Mahendra Pratap Singh Dohare	05.01.2013	Persuing	An Innovative approach for User Profile Based Online Searching on Web Content	RGPV, Bhopal
	Dr. R. S. Jadon	Mr. Sandeep Kumar Singh Rathor	02.02.2013	Persuing	A Novel Approach for Identification and Analysis of rare Classes	RGPV, Bhopal

16. INDUSTRIAL VISITS ORGANIZED

Civil Engineering

S.No.	Industry	Date	Place	No. of students
1	Motijheel water treatment plant, sewage treatment plant morar, Tigra Dam	02-09-2017	Gwalior	101
2	IndianHume Pipes & Engipress Sleeper Factory	03-02-2017	Gwalior	110

Mechanical Engineering

S.No.	Industry	Date	Place	No. of students
1.	Surya Pipes	03-02-2018	Gwalior	48
2.	CIPET	13-04-2018	Gwalior	40

Electrical Engineering

S. No.	Industry	Date	Place	No. of Students
1.	Electrical distribution & transmission, Chinor 132 KV substation(MPEB)	10.08.2017	Chinor	70
2.	M.P.E.B. Gwalior 220/132KV Substation, Sithouli, Gwalior	22.01.2018	Sithouli	70



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ARCHITECTURE

S.No.	Industry	Date	Place	No. of Students
1.	Educational Tour	12/08/2017	Mitavali Padavali & Bateshar(Gwalior)	41

17. GUEST LECTURERS CONDUCTED

Civil Engineering

Date	Name of Speaker	Affiliation	Topic	No. of Students
16.03.17	Dr. D.M. Tripathi	Former Head & Professor IIT BHU	Current Practice in Construction Industry	24
25.03.17	Dr. C.S. Gokhale	Dean, School of Construction management SOCM, NICMAR, Pune)	Current Practice in Construction Industry	66
4 th October 2017	Dr Y.P. Mathur	Professor & Head, Civil Engineering Department, MNIT, Jaipur	Optimization of Sewage Treatment	60
4 th October 2017	Dr. Suresh Kumar Tiwari	Professor, Civil Engineering Department, MNIT, Jaipur	Identification and Characterization of Soil Strata	50
20 th January 2018	Dr. R.K. Saraf Dr. R.K. Shrivastava	(Chief Editor IWWA Journal), (Professor Civil, SGSITS Indore)	Capacity Building in technical paper writing	56
07/02/2018	Engineer Vaybhav Gupta, State Head Technical,	Century Textiles and industries limited	Concrete Mix Design.	63



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Mechanical Engineering

Date	Name of Speaker	Affiliation	Topic	No. of Students
27/01/2017	Prof. K.B Mishra	IIT (Rorkee)	Computational Fluid Mechanics	92
25/03/2017	Mr. Rizwan Uddin	PF Commissioner, Gwalior	Recent Trends In Predictive Maintenance and Its Application In Turbine Generator and Motivation Through Goal Setting.	106
27/03/2017	Er. C.G Porwal	Retired General Manager, NTPC	Advanced Manufacturing System, Vibration And Noise Control And Motivation Through Goal Setting.	106
27/03/2018	Prof. S.P Tiwari	IIT (Bhu)	Advanced Manufacturing System	83

Electrical Engineering

Date	Name of Speaker	Affiliation	Topic	No. of Students
22.01.18	Er. Sunil Kumar Gandhi	Director India Solar Energy Consulting Pvt. Panipat	Industrial Power Distribution System	128
29.01.18	Er. Nikhil Kaushik	Director , A.I. Automation Private Limited, Bhopal	A.C. Motors and Application of Variable Speed Drives in Industry	88
03.02.18	Er. Yogesh Kumar Singh	Senior Research Scientist SPV Reliability lead Program National Institute of Solar Energy Gurgaon	Basic of Solar Energy and Job Opportunities in SPV	112
22.02.18	Er. S.S. Mujalde	Chief Engineer (Testing), MPEB	Techno Legal aspects of Electrical energy Generation, transmission & distribution	55



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CSE/IT

Date	Name of Speaker	Affiliation	Topic	No. of Students
29 th Jan. to 3 rd Feb. 2018	Resource person from Infosys Limited(Online)	Infosys Limited (webinar under Infosys campus connect)	User Interface Tech.	02
8 th Jan 2018			Overview of FP 5.0	30
9 th Jan 2018			Python Fundamentals	47
10 th Jan 2018			Python Data Structures	38
11 th Jan 2018			Function in python	45
12 th Jan 2018			File and Exception Handling in Python	34
18/09/2017 to 22/09/2017			FP 4.1	02
20/09/2017			HTML 5	23
21/09/2017			CSS	24
26/09/2017			Twitter Bootstrap	18
27/09/2017			Twitter Bootstrap	18
03/10/2017			Type Script	19
04/10/2017 to 05/10/2017			Angular JS	18
04/09/2017			IoT Platform	28
06/09/2017			IoT Communication Model-WPAN Technology	21
08/09/2017			LPWA Communication Technology	28
21/07/2017			Overview of Data Analytics and Data Visualization	07
05/7/2017			Introduction to IoT	06



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Chemical Engineering

Date	Name of Speaker	Affiliation	Topic	No. of Students
27/02/2017	Dr. Bharat Modhera	Manit Bhopal	Nanotechnology	56
03/03/2017	Ashlam Sher Khan	J. K Tyre Malanpur	Tyre Technology	73

Biotechnology

Date	Name of Speaker	Affiliation	Topic	No. of Students
	Dr. Mahendran Botlagunta	Assistant Professor, K L University, Guntur, Andhra Pradesh	Biotechnological Products: Agriculture Land To Industry	22

MCA

- Expert lecture by Mr. Mukesh Agrawal from Intel on "Industry Requirements" was conducted on 02.11.17
- Expert lecture by Mr. Anish Kumar, Business Consultant, Nucleas Software, Noida on "Software Product Life cycle in Industry" was conducted on 03.02.18
- Expert lecture by Mr. Praveen Kumar, Adobe, Noida on "Business Marketing" was conducted on 24.02.18 under SHARE-BACK.

ARCHITECTURE

Date	Name of speaker	Affiliation	Topic	No. of students
1.	AR. SHIVANI	Research Associate SPA, Bhopal	Application of 'Geo-informatics (G.I.S.)	120
2.	Ar. Preetam Karmakar, 27.03.2018	Research Associate SPA, Bhopal		



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Date	Name of speaker	Affiliation	Topic	No. of students
3.	Ar. Akansha Tiwari (Urban Planner), delivered expert lecture on 27 September, 2017 on	SPA, Bhopal	<i>Infrastructure Planning and Management: Solid waste management</i>	80
4.	Dr. Rommell Mehta 23 rd September 2017	<i>Professor and Head Landscape, Architecture, School of Planning and Architecture, New Delhi</i>	Landscaping	120
5.	Mr. Parikshit Mehta, (Urban Planner) delivered expert 29.08.2017 & 30-08-2017	SPA, Bhopal	Ecological Perspective in Urban Planning & 'Geo-informatics'	80
6.	Ar. Yogesh Bhardwaj & Ar. Nitesh Donge, 5 th August 2017	SPA, DELHI	i. Evolution of life on Earth ii. Evolution of Knowledge iii. Evolution of Architecture in	37

18. LIST OF TRAINING/INTERNSHIP UNDERTAKEN BY STUDENTS

S. No.	Branch	No. of Students
1.	Mechanical Engineering	84
2.	Electrical Engineering	102
3.	CSE/IT	15
4.	Biotechnology	08

MCA

- All MCA Final Year students completed their project in various companies.



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19. STUDENT PARTICIPATION IN TECHNICAL EVENTS OUTSIDE COLLEGE

Civil Engineering

S.No.	Name of student	Activity	Venue
1	Tarun Jain	Paper Presentation In Conference	Amity University Gwalior

Mechanical Engineering

S.No.	Name of student	Activity	Venue
1.	Anubhav Mishra	Go Kart –Team Bravo	Lovely Professional University, Jalandhar
2.	Rishabh Sharma	Go Kart –Team Bravo	Lovely Professional University, Jalandhar
3.	Sanskar Ghatiya	Go Kart –Team Bravo	Lovely Professional University, Jalandhar
4.	Sachin Gupta	Go Kart –Team Bravo	Lovely Professional University, Jalandhar
5.	Lohit Chaturvedi	Go Kart –Team Bravo	Lovely Professional University, Jalandhar
6.	Ajay Dubey	Baja Sae India 2018	Arai Testing Centre, Pitampur, Indore
7.	Ritu Gupta	Baja Sae India 2018	-

Electrical Engineering

S.No.	Name of Student	Activity	Venue
1	Divya Sharma, Kanak Garg	Thomso 2017- A Magical Fantasia	Indian Institute Of Technology Roorkee
2	Shashawat Tiwari	Trtiyam Visva Veda Vijnana Sammelanam 2018	Vijnana Bharati, Deccan College, Pune, Govt. of Maharashtra



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Electronics Engineering

S.No.	Name of student	Activity	Venue
1.	Javed Ansari	Maze Exporer (Technical fest)	IIT-BHU
2.	Krishna shivhare	Workshop- Autonomous Robotics	IIT-BHU

CSE/IT

S.No.	Name of student/Bracnh	Activity	Venue
1	Himanshu Khare, CSE	ACM International Collegiate Programming Contest (ICPC) Online rank 2472 Onsite rank 230	Amritapuri
2	Pranshul Saxena, CSE		
3	Krati Saxena, CSE		
4	Chandra Pratap, CSE		
5	Karan Tripathi, CSE	ACM International Collegiate Programming Contest (ICPC) Online rank 430 Onsite rank 45	Kolkata
6	Kamlesh Marathe, CSE		
7	Aniraj Soni, CSE		
8	Ankit Kushwah, IT	Training Program on Information Security & Digital Forensics (ISDF-2018) (Under Information Security Education and Awareness (ISEA) Project Phase- II of Govt. Of India)	MANIT, Bhopal
9	Rachita Nayak, IT		
10	Parth Malhotra, IT		
11	Saloni Jain, IT		



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Details of Students Participation in Various Activities in and outside The Institute

S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
ASIMOV Robotics Club Faculty Coordinator: Dr. Karuna Markam					
1	MODEL COMPETITION	12-11-17 -13-11-17	60 th foundation day	National	1 st and 3 rd position
2	ROBOQUIZ	27-01-18	Technical quiz	College	-
3	ROBOSYM	10-02-18	Water rocket competition	Inter-College	-
4	TECHFEST	14-02-18 -18-02-18	Participation in TECHNEX, IIT BHU	National	-
5	TECHFEST	23-02-18 -26-02-18	Participation in TRYST, IIT Delhi	National	4 th position
6	TECHFEST	10-03-18 -13-03-18	Participation in CRONOS, ITM Gwalior (ROBORACE)	National	3 rd position
7	AAVIRITTI	17-03-18 -18-03-18	Workshops organized 1.PCB designing 2.Web development 3.HURDLE MANIA-ROBOTICS Mania	Inter-College	-
Animation Club Faculty Coordinator: Amit K. Manjhvar					
8	Poster Design	26/01/18	Group activity for poster presentation for republic day	College	Poster design was appreciated
ART CLUB Faculty Coordinator:Pooja Sahoo					
9	Rangoli Making Art	12/11/17 -14/11/17	Venue: - In Front of Main Hall (Garden Road) More than 50 students participated.	College	Winner - Siddhant Vishvakarma (B.Arch 3 rd Year) Winning Prize- 2,500/- and Certificate
10	Best Out Of Waste	27/01/18	10 students participated	College	Excellency Creative Certificate
11	Upcoming Technical Life	22/03/18	20 students participated	College	Certificate
12	Poster making	20/01/18	8 students participated	College	Certificate



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
Analytics Club Faculty Coordinator: Dr. D K Jain					
13	Face the Case	07/10/17 – 08/10/17	Competition consists of following three rounds: 1. Quiz (Pen & Paper Based) consists of following sections: <ul style="list-style-type: none"> • Data Science • Data Interpretation and Data Sufficiency • General Awareness • Statistics 2. Analyze It A case study was given to first round qualifiers. Participants applied business judgment to their proposal how it could make a difference to their market share. 3. Finals (Surprise)	College	Winners 1 st Prize- Vivek Khandewal & Rajat Bhadoria (IIIrd yr CSE) 2 nd Prize- Ojawsji Goyal & Saloni Jain (IIIrd yr IT) 3 rd Prize- a. Anusha Jain (Ist yr EE) & Saket Rai (Ist yr Civil) b. Pratibha Singh (IIIrd yr CSE) & Samyak Jain (IIIrd yr AU)
Chemical Engineering Club Faculty Coordinator: Sumint S. Trivedia					
14	Expert Talk	03/02/18	Mr. Vijay Parmar, Deputy Manager, Teva API Malanpur delivered talk on “ Safety aspect of Process Industry ”	College	NIL
CLICK (CSE/IT Emerging Technology) Faculty Coordinator: Mahesh Parmar					
15	TECHTONIA	07/10/17	A technical quiz was held in three rounds 1 st round technical quiz, 2 nd round audio/visual and 3 rd round PI. 102 students participated	College	Three students got first, second & third position.
16	CODE.01	10/02/18	Programming competition to test the ability. 107 students participated	College	-
17	GAMEVERSE	17/03/18	A gaming competition event. 91 students participated	College	Three students got first, second & third position.



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
CINEMATOGRAPHY CLUB			Faculty Coordinator: Sharad Agrawal		
18	Foundation day celebration	12/11/17 -14/11/17	Club students cover Industrial conclave and cultural night during Foundation Day Celebration	College	-
19	Short Film Making Competition	24/03/18	Social video like: Random act of kindness, Social network, A bug life, Environment were made by participating teams.	College	-
Career Counseling Club			Faculty Coordinator: Swati Gupta		
20	Expert Talk	01/11/17	On "Guidance for Competitive Exam after Engineering" By Mr. Mayank K.Thankur, MITS Alumni and Ritesh Goel Arya , Director Yantriki	College	-
Digital Learning Group			Faculty Coordinator: Punit Johri		
21	Workshop on Web and Blog Development"	03/02/18	Introduced students to <i>Wordpress</i> tool and build their interest in website development and blog creation with hands on practices.	College	-
22	Workshop on Digital Learning and Marketing"	24/02/18	Introduced students to: <input type="checkbox"/> Digital Learning and Marketing Overview and concepts <input type="checkbox"/> Requirement of digital Marketing <input type="checkbox"/> Search engine and its marketing <input type="checkbox"/> Social Media and marketing <input type="checkbox"/> Case Study	College	-
Dance Club			Faculty Coordinator: Parul Saxena		
23	Saraswati Vandana	12/11/17	On the occasion 60 th Foundation Day, students of dance group presented saraswati vandana.	College	-



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
HAM Radio Faculty Coordinator: Dr. Vandana Vikas Thakare					
24	Guest Lecture	07/09/17	Introduction on HAM Radio (Amateur Radio) Speaker - Vice President of HAM Radio Society of India Mr. J.S. Bhide.	College	-
25	Demonstration of Ham Radio	28/01/18	Demonstration of HAM radio including HF, VHF, satellite communication, etc. by HAM radio society of Gwalior under the guidance of Mr. J.S. Bhide	Inter-college	Certificates to all participants from Ham Radio Society of India and Institute of Engineer.
26	National Summit on Digital Judiciary – jointly organized by IEEE, IETE, CSI, HAM Radio Club, IEI, Madhav Law College	15/04/18	Detailed discussions on digital judiciary – Building smart courts	Inter-college	Certificates to all participants
Higher Education Club Faculty Coordinator : Dr. Anshu Chaturvedi					
27	Pan India Quiz Contest JQL-2017	06/10/17	Organized in collaboration with Jaipuria Institute of Management, Indore. 3 teams out of 25 teams cleared preliminary round at college level and qualified for Regional round at Indore.	. College	Winner team : received a cash prize Rs. 5000/- Vaibhav Jain, Mech. IV yr & Anmol Dubolia, Electrical, III yr
INTERNSHIP SUPPORT CLUB Faculty Coordinator: Dr. Amit Aherwar					
28	Workshop on ANSYS Workbench & Android App Development	27/01/18	Conducted in association with Emotech Software Solution Pvt Ltd. to familiarize students with the latest tools that are pre-requisite in academia and industrial sector nowadays. Workshops were open to students of different branches.	College	04 candidates won free training by Emotech Software Solutions Pvt. Ltd.
29	IBM-KVCH Internship Drive	20/04/18	Internship Drive for B.Tech. 2 nd & 3 rd yr students. Selected candidates will work on IBM Live Projects.	Inter Deptt.	Four students won free training offered by IBM-KVCH



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
Literary Club		Faculty Coordinator: Dr. Sanjeev Khanna			
30	Oracle 3	Aug. 2017	Literary Event	Inter-collegiate	-
31	MITSWAH	23/09/17 -24/09/17	Multiple literary and allied events were organized.	Inter-collegiate	-
MITS Journalism Society		Faculty Coordinator: Anish P. Jacob			
32	Creation of Facebook Page	10/09/17	A page dedicated to the Society was created on Facebook for reporting and promotional activities.	National	-
33	LIFE AT MITS	11/09/17 -13/09/17	No. of students were interviewed on issues related to college, studies, campus & their lifestyle. Video clips were taken & compiled in a single video titled "Life at MITS".	College	-
34	Creation of Instagram Page	05/10/17	A page dedicated to the Society was created on Instagram for reporting and promotional activities.	National	-
35	Recruitment	08/10/17	Recruitment under various heads life content writing, photography, video editing & reporting was done.	College	-
36	Informal Interview Series	26/01/18	An exclusive interview of the Director, Dr. R.K. Pandit was taken. Questions related to Academic development, co – curricular activities & plans for development of college were asked.	College	-
37	Stories Worth Sharing (SWS)	15/03/18	15 students shared their stories. The Director and even some of the faculty members also shared their stories.	College	-
MITS CODE WAR		Faculty Coordinator: R.R. Singh Makwana			
38	Coding challenge 2017	13/10/17	Online programming contest specially designed for 1 st & 2 nd yr students.	Inter-collegiate	25 students were registered and 13 students participated in the contest.



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
Meditation and Art of Living Club Faculty Coordinator: Dr. Laxmi Shrivastava					
39	Introductory lecture on meditation	08/09/17	Lecture delivered by Mr. Sanjeev Pradhan, Member of Heart fullness. He told about positive impact and scientific approach of meditation by using audio, video and ppt.	College	-
40	Regular Classes of Meditation and Art of Living	Every Tues.& Wed. till 21/12/17 & every Mon. & Thurs. from 01/01/18	Regular practice of Meditation and Art of Living is being conducted by centre of Heart fullness to make stress free and relax everyone.	College	-
MUSIC CLUB Faculty Coordinator: Dr. S. Bhattacharya					
41	Auditions	17/09/17	30 students were selected out of 75 who had exhibited their musical talent in vocal & instrumental activities.	College	Included as performers in the core music team.
42	Musical Presentation	26/01/18	Group Performances were given by Music Club Students on the occasion of Republic Day. The event comprised of Patriotic Songs.	College	Cash prize awarded to performers.
MITS AID Faculty Coordinator: Dr. Manish Sagar					
43	Swachchhaya Bharat Abhiyan Oath and International Youth Day	12/08/17	Oath ceremony on "Role of Youth to Build our Institute, Society and the Nation as per Our Goals and Dreams" Organized jointly by NSS unit and MITS-AID Club	College	224 students participated in this event
44	Workshop	17/09/17 - 30/09/17	Architecture 3 rd Year Student went to Shanti Nagar, Beside JCB Mill for organizing the various social awareness program.	College	
45	Matdaata Diwas Oath	25/01/18	Organized jointly by NSS unit and MITS-AID Club	College	Approx. 500 faculty, staff and students take the oath.



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
October Sky (Rocket club) Faculty Coordinator: Dr. R. P. Narwaria					
46	Poster presentation	22/09/17	Knowledge sharing about rocket science. Experts interviewed about poster's composition & judged on the basis of scientific accuracy.	College	-
47	Quiz competition on Rocket Science	20/01/18	Twenty four students participated. Best three students selected. Assessment done by objective type paper which contains 30 questions.	College	-
Photography Club Faculty Coordinator: Deep Kishore Parsediya					
48	Framing MITS	13/09/17	Click the picture inside the MITS campus	College	1 st - Aman Sharma 2 nd - Ayush Garg 3 rd - Nayan Sarkar
49	Photo Editing Competition	12/01/18	A picture was given to the participants. They have to submit same picture with additional effective editing.	College	1 st - Shreya Saxena 2 nd - Suraj K. Singh 3 rd - Shailesh Mishra
50	Framing MITS- II	03/02/18	Click the picture inside the MITS campus	College	1 st - Rochak Shivhare IT (2 nd year) 2 nd - Ashish Godiya Electronics (2 nd year) 3 rd - Yashwardhan Tomar E&TC (3 rd year)
51	Workshop on Perfect Photography	27/04/18	Steps for perfect photography were discussed in the workshop.	College	All club members and other students were benefited.
Society of Personality Development Club Faculty Coordinator : Dr. Sanjiv Sharma					
52	Just A Minute	26/09/17	Describe your personality with one minute		Motivate students for personality improvement
53	Experience Sharing	17/01/18	Group Discussion		Team work



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
Terrestrial Automobile Development Club Faculty Coordinator: Vedansh Chaturvedi					
54	Workshop on Automotive Design Process & 3D Modeling in Autodesk MAYA	21/02/18	Activity covered following topics: a. Automotive Visual Design Language b. Car Designing Process c. Basics of Car Sketching d. Basic tools of MAYA software e. Basics of 3D Modeling f. Car's logo's and their history	College	More than 50 participants attended.
Webbers Club Faculty Coordinator: Abhilash Sonker					
55	DEVCONF 2017	9/10/17	A Practical Guide to Web and Mobile App Development for the Absolute Beginners	College	-
Yoga Club Faculty Coordinator: Vishal Chaudhary					
56	Expert lecture on YOGA	29/10/17	By Yoga expert from LNIPE Gwalior. Approx. 40 students & some faculty members attended.	College	Learn benefits from YOGA.
57	YOGA WORKSHOP	30/01/18	YOGA activities instructed by professional yoga expert Mr. Tejhbaan Daultani. Approx. 15 students & some faculty/staff members attended.	College	Great experience & understood need of yoga through philosophy & daily practice.
Sports Club Coordinator: Dr.B.P.S. Bhadoria					
58	Cricket Tournament	19/09/17 – 09/10/17	40 teams participated	College	
59	Football Tournament	06/10/17 – 08/10/17	16 teams participated	College	
60	Badminton Tournament	06/10/17 – 08/10/17	Number of participants (Singles – 40 and double Twenty-20)	College	
61	3A Side Basketball Tournament	23/01/18 -24/01/18	15 teams participated	College	
62	Cricket Tournament	28/01/18 -05/02/18	30 teams participated	College	
Achievements in Sports					
63	Volleyball	20/09/17 -22/09/17	Volleyball Tournament at VITM Gwalior	Inter-collegiate	Winner



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
64	Badminton	Nov. 2017	Badminton Tournament (Men's & Women's) at IPS Gwalior	Inter-collegiate	Winner (both)
65	Football	30/11/17 – 01/12/17	Football Tournament at SRCEM Banmore	Inter-collegiate	Winner
66	Chess	09/10/17 -10/10/17	Chess Tournament at NITM Gwalior	Inter-collegiate	Winner
67	Table tennis	27/12/2017	Table Tennis Tournament at NRICEM Gwalior	Inter-collegiate	Winner
68	Basketball	26/09/17 -27/09/17	Basketball tournament at MITS Gwalior (Men's & Women's)	Nodal level	Winner (both)
69	Cross Country	08/09/2017	Cross Country race at RJIT Tekanpur	Inter-collegiate	Runners up
70	Basketball	06/10/17 -07/10/17	Basketball Tournament at MITS Gwalior (Men's)	RGPV State level	Runners up
IETE Student Chapter Faculty Coordinator: Dr.Vandana Vikas Thakare					
71	Robotics Workshop	19/8/17	Workshop was held by Traineer of Gyanshala aimed at enhancing the auduino platform	Inter-college	1 st prize: Aditi Goswami & Abhishek Gupta 2 nd Prize: Antara Sinha & Nisha Rai
72	TECHNOQUIZ	27/1/18	Students solved the Electronics based technoquiz	College	Ist prize : Saurabh patel Electrical 2 nd yr
73	Artistry Chase	03/2/18	A cultural fest to hunt different artistic talents in students	Inter-college	Winner: Saksham Tamrakar Runner: Ashkrit Kushwaha Best Story Utkarsh Garg Best Dancer Nitya Shukla Best Rapper Ashwin Best Poetry Mansi Pathak Best Singer Vallari Chitins



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
74	Workshop on LT Spice, Every CIRCUIT AND MATLAB	14/03/18 – 16/03/18	To develop soft skills in the area of circuit design and simulation	College	Certificates given to all participants
Charity Club and IEEE Student Chapter Faculty Coordinator: Dr. Manish Dixit					
75	The Insight of Corporate Requirement	11/08/17	An expert and alumni Mr Ashish Khare interacted with students to guide them with corporate culture and technical skills	Intra College	About 100 students of CSE & IT participated
76	International Youth Day Celebration	12/08/17	IEEE Students chapter Celebrated in institute jointly with NSS to teach the moral values and ethics to students	Intra College	About 250 students participated
77	IEEE Technical Quiz	14/08/17	Technical quiz for CSE and IT students organised by IEEE Student chapter MITS	Intra College	About 150 students from CSE & IT participated
78	Toppers Talk	11/09/17	Motivational lectures for IES aspirants	Intra College	About 200 participants from institutes enlightened by experts
79	Expert Talk	02/11/17	Organised by IEEE Student chapter MITS Dr Rajkumar Buyya, Director, Cloud Computing and Distributed Systems (CLOUDS) Laboratory, University of Melbourne, Australia delivered the talk.	Intra College	More than 100 research scholar and UG students participated
80	Book Harvesting Campaign	10/03/18	Specimen copies of text books are collected from teachers by students to help poor students	Intra College	In first phase around 150 books are collected. The campaign will continue to enhance collection.



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
ISTE Students' Chapter MITS Faculty Coordinator: Vishal Chaudhary					
81	Tech Celesta	08/09/17 – 17/09/17	Organised various events under Tech Celesta, namely: XCalibre, Night with Stars, Workshops on: MATLAB, AutoCAD, Home Automation, Vision Biotics	State	Over 1500 students attended this mega-technical conclave making it a success.
82	Food Fiesta 2.0	13/11/17	Invited all the delicacies of Gwalior to present their specialities.	State	On the occasion of 60 th Founder's Day, organised the 2 nd version of Food Fiesta grabbing the attention of more than 3k food lovers.
83	ChimeraX	27/01/18	Organised the zonal round of Central India's Largest Quiz Fest, ChimeraX; under the flagship of ISTE MANIT Bhopal.	Inter-collegiate	The event captured the presence of nearly 300 participants, marking yet another milestone in the history of ISTE Students' Chapter MITS.
84	Expert Talk	08/02/18	In concern for the development of the Studying Skills of students, an Expert Talk by Mr. Safal Sharma (Motivational Speaker, Youth Mentor and Studying Skills Expert) on 'How to Study Effectively?'	National	Mr. Sharma introduced difference between learning and knowledge. He also included many tricks to improve the efficiency of learning.
85	AAROHAN2k18	24/03/18	"How to write a research paper?" A Research paper presentation based event mainly focusing on the innovative ideas presented by youth for nourishment of technical aspect of the institute and society.	Inter-collegiate	Student's presentation judged by Dr. C.S. Malvi.



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S. No.	Name of Activity	Date	Activity detail in brief	Level of Activity	Achievements, if any
MITS ACM STUDENT CHAPTER Faculty Coordinator: Neha Bhardwaj					
86	Innuvazione	23/09/17 – 24/09/17	System for 3D Gaming was designed.	Department	CSE-III Year students participated.
IET Student Chapter Faculty Coordinator: Dr. Vijay Bhuria					
87	The Present Around The World	06-07- 2017	Idea presentation competition	University Level	09 students participated
88	REGIONAL FEST-2017	23-09-2017	Volley Ball, Quiz, Talent Hunt, Poster designing Dumb Charades, Photography Snake & Ladder, Dubs mash Tempo line	State level	Successfully Organized
89	Workshop on Artificial Intelligence & Student Sabha	17-03-2018	Delivered by Ashu Sinha Co-Founder & Managing Director, RobonomicsAI	Institute level	80 students participated
Technical Exhibition Club Faculty Coordinator: Dr. Vijay Bhuria					
90	Poster Presentation (Founder's Day)	12-14 Nov 2017	Poster Theme- Innovations in Engineering	Institute level	52 students participated

MCA

- Students participated in Code Writing Competition at Prestige Institute Gwalior.

ARCHITECTURE

S.No.	Name of student	Activity	Venue
1.	Meenal Singhal	ZONASA	ITM University, Gwalior
2.	Sheetal Gupta	ZONASA	ITM University, Gwalior
3.	Mr. Vinayak Chanchal	ZONASA	ITM University, Gwalior



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S.No.	Name of student	Activity	Venue
4.	Mr. Anshuman Namdeo	ZONASA	ITM University, Gwalior
5.	Ms. Anushka Kushwaha	ZONASA	ITM University, Gwalior
6.	Mr. Anirudh Maheshwari	ZONASA	ITM University, Gwalior
7.	Ms. Urooj Iqbal	ZONASA	ITM University, Gwalior
8.	Ms. Suwarna Nepal	ZONASA	ITM University, Gwalior
9.	Ms. Omeshwari Dharpure	ZONASA	ITM University, Gwalior
10.	Mr. Lakshya Sharma	ZONASA	ITM University, Gwalior
11.	Mr. Shivam Majhi	ZONASA	ITM University, Gwalior
12.	Mr. Prashant Thakur	ZONASA	ITM University, Gwalior
13.	Mr. Mohit Sahu	ZONASA	ITM University, Gwalior
14.	Ms. Rishika Sood	ZONASA	ITM University, Gwalior
15.	Mr. Charuvesh Koshti	ZONASA	ITM University, Gwalior
16.	Mr. Arnav Shukla	ZONASA	ITM University, Gwalior
17.	Ms. Shivani Dollas	ZONASA	ITM University, Gwalior
18.	Mr. Sarthak Naikya	ZONASA	ITM University, Gwalior
19.	Ms. Shivani Dollas	ZONASA	ITM University, Gwalior
20.	Mr. Aditya Mahajan	ZONASA	ITM University, Gwalior
21.	Ms. Ankita Agrawal	ZONASA	ITM University, Gwalior
22.	Mr. Shaksham Tamrakar	ZONASA	ITM University, Gwalior
23.	Mr. Aman Jain	ZONASA	ITM University, Gwalior
24.	Mr. Adarsh Malviya	ZONASA	ITM University, Gwalior
25.	Ms. Rashmi Gour	ZONASA	ITM University, Gwalior
26.	Ms. Namita Agerwal	ZONASA	ITM University, Gwalior
27.	Mr. Dev Kansana	ZONASA	ITM University, Gwalior
28.	Shashank Veram	ZONASA	ITM University, Gwalior



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20. NAMES OF NEW COURSES INTRODUCED AT UG/PG

Civil Engineering

Programme (UG/PG)	Semester	Course	Code
UG	V	Civil Lab	BCEL - 507
	VI	Solidwaste, air&noisepollution	BCEL - 602
	VI	EIA	BCEL - 603

CSE/IT

Programme (UG/PG)	Semester	Course	Code
UG	VIII	Internet of Things(IoT)	BCSL/BITL804
	VII	IT Infrastructure Management	BITL 703
	VII	Adhoc Network	BITL 704
	IV	Cyber Security	100004
	VII	Digital Forensics	BCSL703

Biotechnology

Programme (UG/PG)	Semester	Course	Code
UG	III	Software Lab	180305
	IV	Programminglab (MATLAB)	180405
	III	Biology For Engineers	BBTL304
	III	Cell Biology	180304

ARCHITECTURE

Programme (UG/PG)	Semester	Course	Code
UG	III	Art Major Idea Generation	210307
	V	Elective –I	210505
	V	NASA/ GROUP WORK	201507
	VI	Elective –II	201606



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21. NAMES OF COURSES FOR WHICH THE SYLLABUS WAS MODIFIED

Civil Engineering

Programme (UG/PG)	Semester	Course	Code
U.G.	V	CPM (15 % change)	BCEL - 501

Mechanical Engineering

Programme (UG/PG)	Semester	Course	Code
Mechanical Engineering (UG)	All (The Course Has Been Modified As Per The AICTE Mandate For Flexible Curriculum)	B.Tech	-
Automobile Engineering (UG)		B.Tech	-

Electrical Engineering

Programme (UG/PG)	Semester	Course	Code
UG	I & II	Energy, Ecology, Environment & Society, introduced	100202
UG	V & VI	Modification of Scheme and Syllabi	BEEL-501 to BEEL-509 and BEEL-601 to BEEL 609
PG (ISD)	III	Semi-conductor controlled Drives	MISL-931
PG(MAC)	I	Electronic Instrumentation	590102
PG(MAC)	II	Ultrasonic and High Frequency Instrumentation	590204
PG(MAC)	II	Bio-medical Instrumentation	590205



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Electronics Engineering

Programme (UG/PG)	Semester	Course	Code
UG	3	1.Electronics-I 2.Digital Circuit System 3.Network Theory 4.Signal & System	1.BELL/BETL-302 2.BELL/BETL-303 3.BELL/BETL-304 4. BELL/BETL-405
	4	1.Electronics-Ii 2.Analog Communication 3.Communication Network 4.Electronics Measurement & Instrumentation	1. BELL/BETL-402 2. BELL/BETL-403 3. BELL/BETL-404 4. BELL/BETL-305

CSE/IT

Programme (UG/PG)	Semester	Course	Code
UG	I	Basic Computer Engineering	100203

Chemical Engineering

Programme (UG/PG)	Semester	Course	Code
B.E.	1-8	ALL	
M.TECH	1-3	ALL	

Biotechnology

Programme (UG/PG)	Semester	Course	Code
UG	III	MICROBIOLOGY	180303
	IV	MICROBIAL TECHNOLOGY	180404
	V	ENVIROMENTAL BIOTECHNOLOGY	180504



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Applied Science

Programme (UG/PG)	Name of Subject	Subject Code and Sem	Modifications done if any
UG	Engg. Physics	100201 I and II Sem	Minor modifications have been done
	Engg. Chemistry	100101 I and II Sem	Minor modifications have been done
	Engg. Mathematics-I	100102 I and II Sem	Minor modifications have been done



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22. FEEDBACK REPORT OF EACH FACULTY* (EXPRESS RATING IN % OR IN SOME NUMERIC VALUE, MENTION SAMPLE SIZE)

FEEDBACK ALUMNI, EMPLOYERS, STUDENTS FACULTY FEEDBACK INDEX (FFI) (SUMMARY SHEET: A SAMPLE)

Class	III Year (Biotech)									
Criterion	Faculty feedback index (FFI)									
	Prof. Urvashi Garud/ Principles of Management & Economics		Prof. Rahul Anand/ Enzyme Technology		Prof. Vinod K. Jatav/ Bioinformatics		Dr.Sunita Sharma/ Immunotechnology		Prof. Sachin R. Geed/ Biochemical Reaction Engineering	
Has good teaching ability	4.40	4.33	3.60	3.50	4.00	3.17	5.00	4.67	4.40	4.33
Teaching style interactive/involving students	4.40	4.33	3.60	3.33	3.60	3.50	4.40	4.33	4.20	4.17
Adequate coverage of course content	4.40	4.33	3.20	3.17	4.00	3.00	4.40	3.83	4.20	4.33
Voice is audible	4.40	4.17	3.00	2.50	3.80	3.50	4.60	4.17	4.40	4.17
Good communication skills	4.80	4.50	3.80	3.33	3.20	3.33	5.00	4.50	4.60	4.50
Has ability to control class	4.20	4.00	4.00	3.50	4.00	3.33	4.80	4.17	4.80	4.33
Has ability to motivate/create interest in subject	4.60	4.17	3.80	3.17	4.00	3.17	4.80	4.67	4.80	4.33
Relates subject with practical examples	4.40	4.50	3.40	3.17	4.00	3.50	4.80	3.83	4.80	4.33
Is approachable & helping	4.60	4.33	3.60	3.33	4.00	3.17	4.60	4.00	5.00	4.50
Provides study material/notes etc	4.40	4.17	3.00	2.67	4.00	3.83	4.40	3.00	4.60	4.33
Inspires students for good behavior and ethical conduct	4.60	4.50	3.60	3.33	4.00	3.17	4.40	4.33	5.00	4.50
Use of innovative teaching methods	4.60	4.17	3.40	3.17	3.40	3.50	4.60	4.17	4.60	4.33
Shows no gender bias	4.80	4.50	4.40	4.00	4.40	3.83	5.00	4.50	5.00	4.67
Course well designed and structured	4.60	4.33	3.60	3.33	3.60	3.83	4.40	4.00	4.80	4.17
Average FFI	4.51 (I)	4.31 (II)	3.57 (I)	3.25 (II)	3.85 (I)	3.42(II)	4.65 (I)	4.2(II)	4.66 (I)	4.35(II)



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FACULTY FEEDBACK INDEX (FFI) (SUMMARY SHEET:A SAMPLE)

Class	II Year (Biotech)									
Criterion	Faculty feedback index (FFI)									
	Prof.Rahul Anand /Instrumentation		Dr.SunitaSarma RDT		Prof.PrangyaR.Rout/ Environmental Engg.		Dr.SharadVerma Microbial Technology		Prof.ShikhaJha Biomaterials	
Has good teaching ability	3.20	3.60	4.00	3.80	4.00	4.80	3.20	3.80	4.20	4.60
Teaching style interactive/involving students	3.00	3.00	4.00	3.60	4.40	5.00	3.40	3.80	4.40	4.50
Adequate coverage of course content	3.60	4.00	3.60	3.00	4.20	4.40	3.60	3.60	4.40	4.80
Voice is audible	3.20	3.60	4.20	4.20	4.40	4.80	3.60	4.60	4.20	4.80
Good communication skills	3.40	3.60	4.00	4.00	4.40	4.80	3.80	4.40	4.20	5.00
Has ability to control class	3.00	3.60	4.60	4.40	4.00	4.80	3.40	4.60	4.40	4.60
Has ability to motivate/create interest in subject	3.20	3.40	4.00	4.00	4.40	5.00	3.20	3.60	4.60	5.00
Relates subject with practical examples	3.80	4.00	3.60	3.60	4.00	5.00	3.20	3.60	4.60	5.00
Is approachable & helping	3.60	4.20	3.60	4.20	4.20	5.00	3.40	3.60	4.40	4.80
Provides study material/notes etc	4.00	3.80	3.80	4.00	3.80	5.00	3.40	4.60	4.40	5.00
Inspires students for good behavior and ethical conduct	3.40	3.60	4.20	4.00	4.60	5.00	3.40	3.80	4.40	5.00
Use of innovative teaching methods	3.60	3.40	3.80	3.60	3.60	4.60	3.40	3.60	4.20	4.80
Shows no gender bias	3.40	3.60	4.00	4.00	4.20	4.80	3.40	4.00	4.00	4.80
Course well designed and structured	3.60	4.00	3.80	2.80	3.20	4.60	3.00	3.40	4.20	5.00
Average FFI	3.43 (I)	3.67 (II)	3.94 (I)	3.80 (II)	4.10 (I)	4.83 (II)	3.38 (I)	3.93(II)	4.34 (I)	4.64 (II)



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FACULTY FEEDBACK INDEX (FFI)
(SUMMARY SHEET: A SAMPLE) April-2018

Class	III Year (Biotech)				
	Faculty feedback index (FFI)				
Criterion	Prof. Urvashi Garud/ Principles of Management & Economics	Prof. Rahul Anand/ Enzyme Technology (Elective-II)	Prof. Vinod K. Jatav/ Bioinformatics	Dr.Sunita Sharma/ Immunotechnology	Prof. Sachin R. Geed/ Biochemical Reaction Engineering
Has good teaching ability	4.33	3.50	3.17	4.67	4.33
Teaching style interactive/involving students	4.33	3.33	3.50	4.33	4.17
Adequate coverage of course content	4.33	3.17	3.00	3.83	4.33
Voice is audible	4.17	2.50	3.50	4.17	4.17
Good communication skills	4.50	3.33	3.33	4.50	4.50
Has ability to control class	4.00	3.50	3.33	4.17	4.33
Has ability to motivate/create interest in subject	4.17	3.17	3.17	4.67	4.33
Relates subject with practical examples	4.50	3.17	3.50	3.83	4.33
Is approachable & helping	4.33	3.33	3.17	4.00	4.50
Provides study material/notes etc	4.17	2.67	3.83	3.00	4.33
Inspires students for good behavior and ethical conduct	4.50	3.33	3.17	4.33	4.50
Use of innovative teaching methods	4.17	3.17	3.50	4.17	4.33
Shows no gender bias	4.50	4.00	3.83	4.50	4.67
Course well designed and structured	4.33	3.33	3.83	4.00	4.17
Average FFI	4.31	3.25	3.42	4.2	4.35



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FACULTY FEEDBACK INDEX (FFI)
(SUMMARY SHEET: A SAMPLE) April-2018

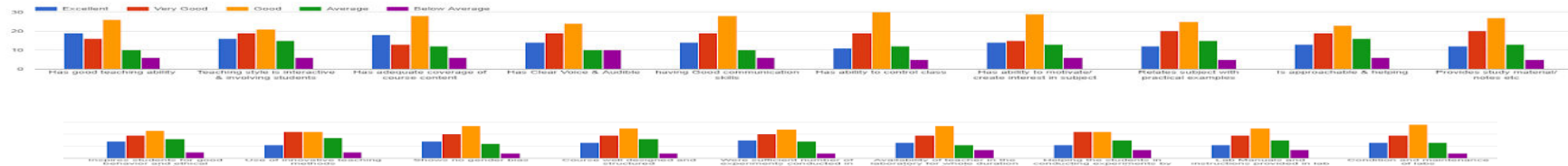
Class	II Year (Biotech)				
Criterion	Faculty feedback index (FFI)				
	Prof. Rahul Anand/Instrumentation	Dr.Sunita Sharma/RDT	Prof.Prangya R. Rout/Environmental Engg.	Microbial Technology/ Dr.SharadVerma	Biomaterials/ Prof.ShikhaJha
Has good teaching ability	3.60	3.80	4.80	3.80	4.60
Teaching style interactive/involving students	3.00	3.60	5.00	3.80	4.50
Adequate coverage of course content	4.00	3.00	4.40	3.60	4.80
Voice is audible	3.60	4.20	4.80	4.60	4.80
Good communication skills	3.60	4.00	4.80	4.40	5.00
Has ability to control class	3.60	4.40	4.80	4.60	4.60
Has ability to motivate/create interest in subject	3.40	4.00	5.00	3.60	5.00
Relates subject with practical examples	4.00	3.60	5.00	3.60	5.00
Is approachable & helping	4.20	4.20	5.00	3.60	4.80
Provides study material/notes etc	3.80	4.00	5.00	4.60	5.00
Inspires students for good behavior and ethical conduct	3.60	4.00	5.00	3.80	5.00
Use of innovative teaching methods	3.40	3.60	4.60	3.60	4.80
Shows no gender bias	3.60	4.00	4.80	4.00	4.80
Course well designed and structured	4.00	2.80	4.60	3.40	5.00
Average FFI	3.67	3.80	4.83	3.93	4.64



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4. Dr.S. Wadhvani (Linear Control Systems,BEEL- 404)



19	16	26	10	6
16	19	21	15	6
16	13	28	12	6
14	19	24	10	10
14	19	28	10	6
11	19	30	12	5
14	15	29	13	6
12	20	25	15	5
13	19	23	16	6
12	20	27	13	5
14	19	23	16	5
11	22	22	17	5
14	20	27	12	4
13	19	25	15	4

3.415584

3.311688

3.28

3.220779

3.324675

3.246753

3.233766

3.246753

3.220779

3.272727

3.272727

3.220779

3.363636

3.289474

Has good teaching ability
Teaching style interactive/involving students
Adequate coverage of course content
Voice is audible
Good communication skills
Has ability to control class
Has ability to motivate/create interest in subject
Relates subject with practical examples
Is approachable & helping
Provides study material/notes etc
Inspires students for good behaviour and ethical conduct
Use of innovative teaching methods
Shows no gender bias
Course well designed and structured

Average Index **3.280009** (on a scale of 5) (5: Excellent; 4:V Good; 3:Good; 2: Average;1: Below average)

Comments:

Points of appreciation: Adequate Teaching style interactive/involving students, Has good teaching ability ,Shows no gender bias ,Good communication skills

Points needing improvement: ability to motivate/create interest in subject ,Voice is audible, Is approachable & helping

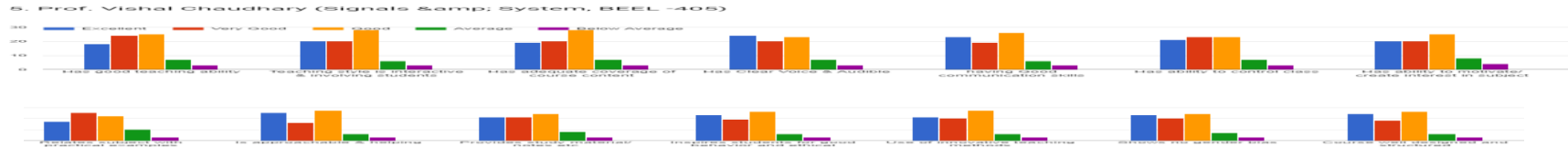
(Prof.Dr.S. Wadhvani)HoDDirector

Month :April 2018



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18	24	25	7	3
20	20	28	6	3
19	20	28	7	3
24	23	20	7	3
23	19	26	6	3
21	23	23	7	3
20	20	25	8	4
17	25	22	10	3
25	16	27	6	3
21	21	24	8	3
23	19	26	6	3
21	20	27	6	3
23	20	24	7	3
24	16	26	6	3

3.61039
3.623377
3.584416
3.753247
3.688312
3.675325
3.571429
3.558442
3.701299
3.636364
3.688312
3.649351
3.688312
3.693333

Has good teaching ability
Teaching style interactive/involving students
Adequate coverage of course content
Voice is audible
Good communication skills
Has ability to control class
Has ability to motivate/create interest in subject
Relates subject with practical examples
Is approachable & helping
Provides study material/notes etc
Inspires students for good behaviour and ethical conduct
Use of innovative teaching methods
Shows no gender bias
Course well designed and structured

Average Index **3.651565** (on a scale of 5) (5: Excellent; 4:V Good; 3:Good; 2: Average;1: Below average)

Comments:

Points of appreciation: Adequate Voice is audible, Is approachable & helping ,Course well designed and structured

Points needing improvement: Relates subject with practical examples, ability to motivate/create interest in subject

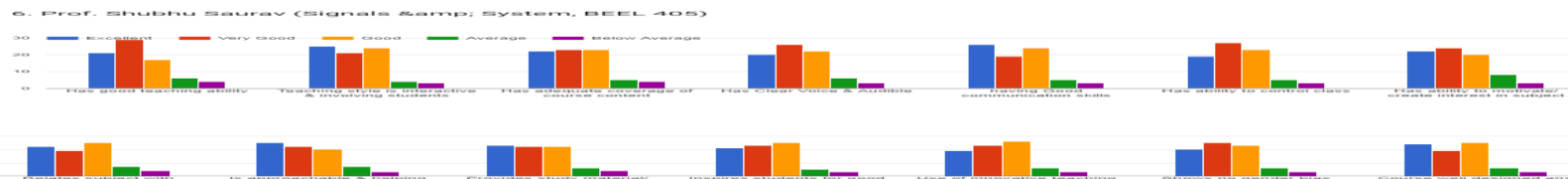
Prof.(Vishal Chaudhary)HoDDirector

Month :April 2018



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21	29	17	6	4
25	21	24	14	3
22	23	23	5	4
20	26	22	6	3
26	19	24	5	3
17	27	23	5	3
22	24	20	8	3
22	19	25	7	4
25	22	20	7	13
23	22	22	6	4
21	23	25	5	3
19	23	26	6	3
20	25	23	6	3
24	19	25	6	3

3.74026

3.586207

3.701299

3.701299

3.779221

3.666667

3.701299

3.623377

3.448276

3.701299

3.701299

3.636364

3.688312

3.714286

Has good teaching ability
Teaching style interactive/involving students
Adequate coverage of course content
Voice is audible
Good communication skills
Has ability to control class
Has ability to motivate/create interest in subject
Relates subject with practical examples
Is approachable & helping
Provides study material/notes etc
Inspires students for good behaviour and ethical conduct
Use of innovative teaching methods
Shows no gender bias
Course well designed and structured

Average Index

3.670676 (on a scale of 5) (5: Excellent; 4:V Good; 3:Good; 2: Average;1: Below average)

Comments:

Points of appreciation: Adequate Has good teaching ability, Good communication skills, Voice is audible, Adequate coverage of course content

Points needing improvement: try to approachable & helping ,try to Relates subject with practical examples

(Prof. Shubhu Saurav) HoD Director

Month : April 2018



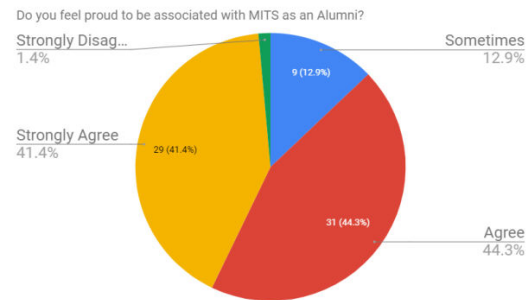
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Alumni Satisfaction Survey 2018

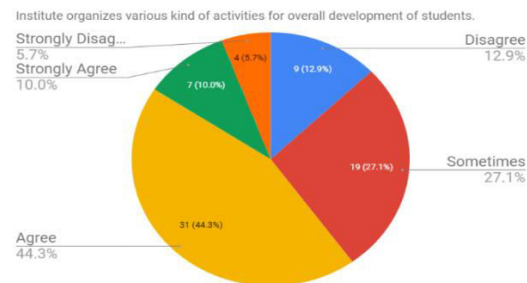
Sample Size: 70

Alumni Feedback is being collected from students who have graduated between 2002 to 2016. A mix of alumni from all branches, working in Private Sector/ Government Sector/ and other Interdisciplinary areas from all over India is selected. A total of 70 responses on 10 general parameters, as shown below on the scale of 5 to 1 (Strongly Disagree to Strongly Agree) has been selected for analysis:

1. Do you feel proud to be known as an MITS Alumnus?



2. Institute organizes various kinds of activities for the overall development of students.

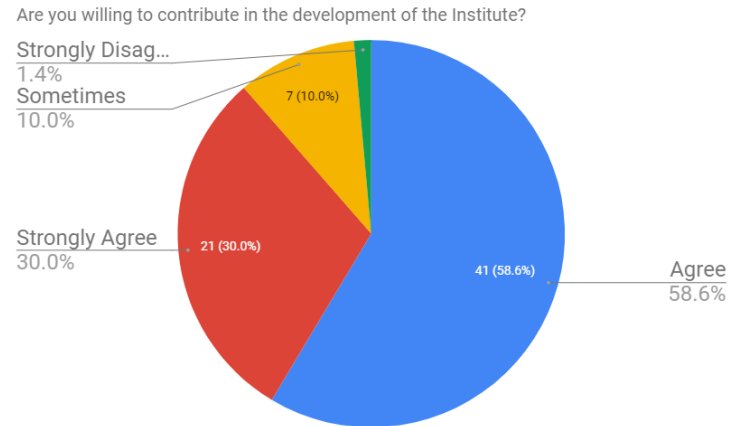




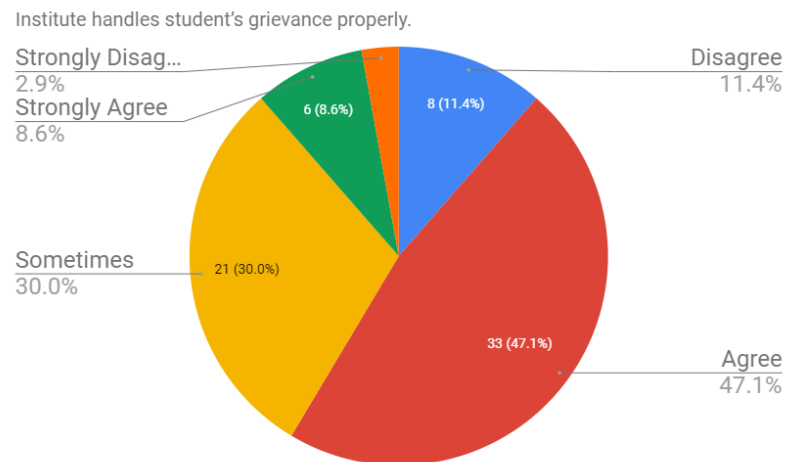
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3. Are you willing to contribute in the development of the Institute?



4. Institute handles student's grievances properly.

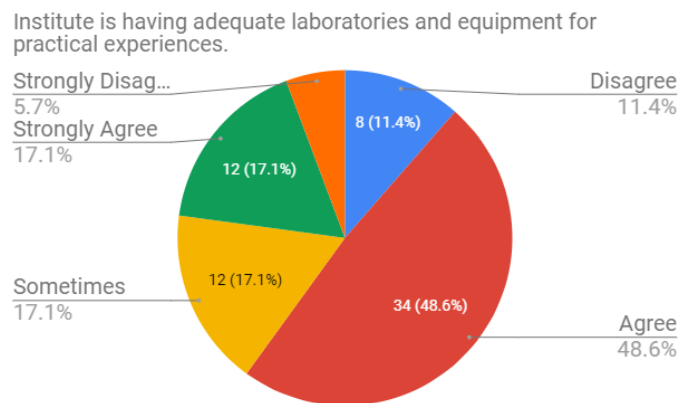




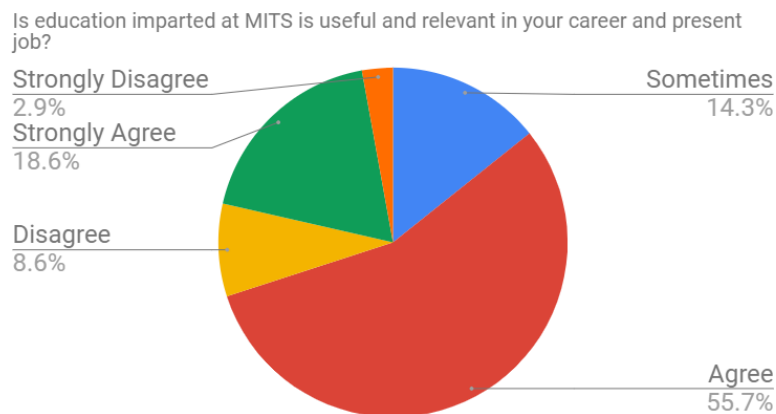
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5. Institute has adequate laboratories and equipment for practical exposure to students.



6. The education imparted at MITS is useful and relevant in your career and present job.

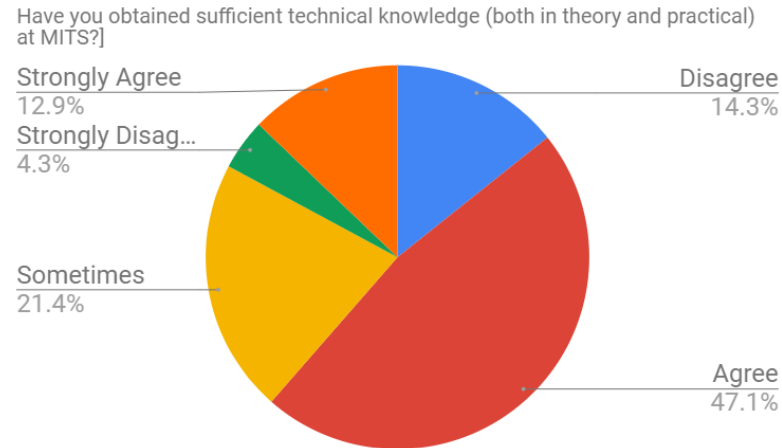




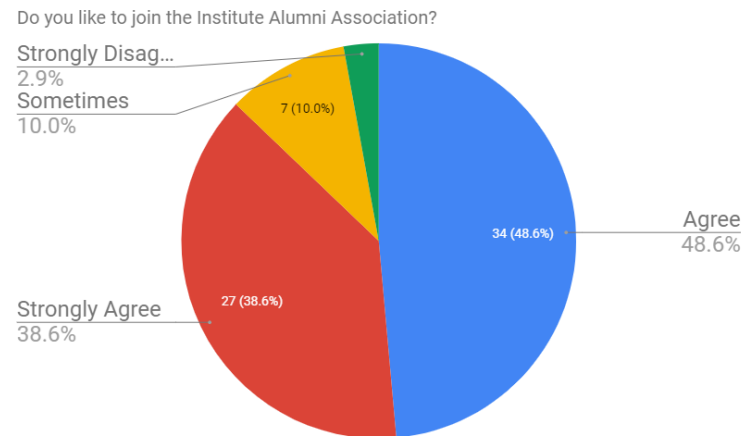
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7. Have you obtained sufficient technical knowledge (both in theory and practical) at MIT S?



8. Do you like to join the Institute Alumni Association?

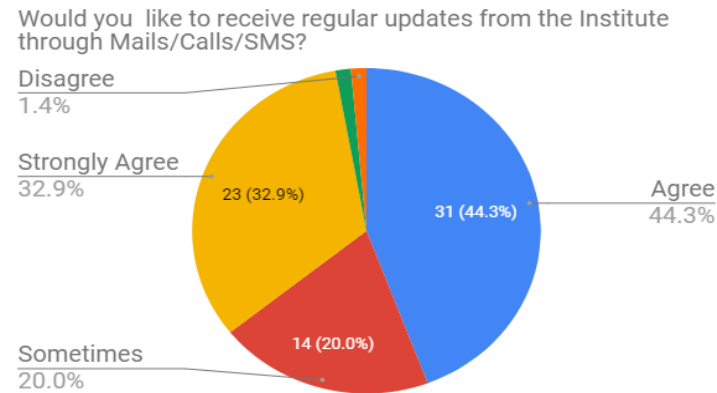




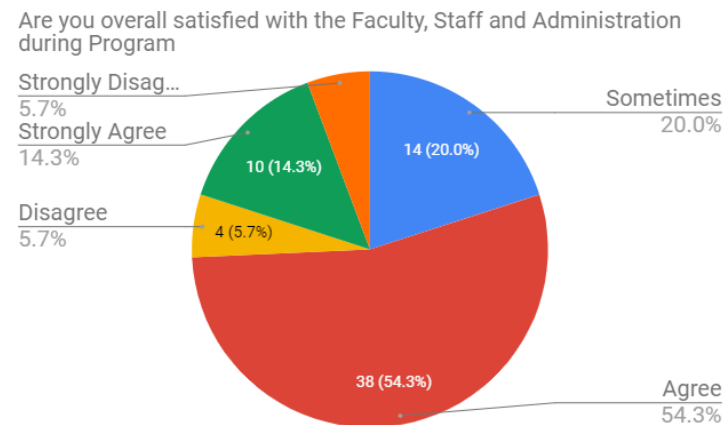
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9. Would you like to receive regular updates from the Institute through Mails/Calls/SMS?



10. Overall are you satisfied with the Faculty, Staff and Administration during Program





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Computation of Alumni Satisfaction Index

General parameters	Strongly Disagree	Disagree	Sometimes	Agree	Strongly Agree	Alumni Satisfaction Index (Out of 5)
You feel proud to be known as an MITS Alumnus	1	0	9	31	29	4.24
Institute organizes various kinds of activities for the overall development of students	4	9	19	31	7	3.4
Are you willing to contribute in the development of the Institute	1	0	7	41	21	4.16
Institute handles student's grievances properly	2	8	21	33	6	3.47
Institute has adequate laboratories and equipment for practical exposure to students	4	8	12	34	12	3.6
The education imparted at MITS is useful and relevant in your career and present job	2	6	10	39	13	3.78
Have you obtained sufficient technical knowledge (both in theory and practical) at MITS	3	10	15	33	9	3.5
Do you like to join the Institute Alumni Association	2	0	7	34	27	4.2
Would you like to receive regular updates from the Institute through Mails/Calls/SMS?	1	1	14	31	23	4.05
Overall are you satisfied with the Faculty, Staff and Administration during Program	4	4	14	38	10	3.65



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Summary of Alumni Suggestion for improvement

S. No.	Suggestion	Corrective Actions
1.	<p>Need to update the laboratory as per new technology available in market so that students have sufficient knowledge after graduating from the institute. Students strongly feel that there is a need to have more focus on Practical exposure.</p> <p>Conduct more field trips to nearby industries</p> <p>Small project on real scenario should be part of curriculum</p> <p>Project component must be added as the final evaluation of all the courses</p> <p>Allow students to go for internships, don't block them in name of attendance. In today's time most of the internships get converted to full time very easily.</p> <p>More industrial case studies, visits and counselling will help student plan their career in the field itself</p>	<ul style="list-style-type: none"> • Laboratory modernization is in process • Departments have been issued instructions to allot Industry Focused Projects with co-guides from industry (if possible) • MoUs to be signed with industries to enhance interaction • Field trips and industry visits are mandatory; arranged by all departments • Experts from Industry are invited for lectures and interaction • Internships are mandatory; provision for internship for full term in VIII semester • Career counselling sessions are conducted on a routine basis
2.	<p>Need to update curriculum from time to time</p>	<ul style="list-style-type: none"> • Syllabi is being updated regularly • Flexible curriculum has been implemented • SWAYAM/NPTEL courses are being conducted mandatorily at II and III year levels, to familiarize students with on-line courses. • Value added courses are launched to increase student



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		skills and employability options
3.	More elective courses should be offered. . All the permanent faculty is Post graduate I guess, so they can offer courses in the area of their specialization	In the Flexible curriculum that is implemented w.e.f batch admitted in academic session July 2017 there is a ratio of core/departmental/open electives in percentage is 30:12:9.
4.	More faculty members need to be hired to reduce the load on faculty	<ul style="list-style-type: none"> • Full-time Faculty from NPIU and contract faculty available in all departments to support regular faculty. • Recruitment of permanent faculty is also in process.
5.	Encourage students to participate in competitive programming. Institute should provide more exposure to students for their all round development	<ul style="list-style-type: none"> • There are 07 professional society chapters and more than 30 active clubs in the institute. • Many such events are routinely organized by the professional society chapters and student clubs. • Many students also go to other institutes for participating in events. • At the final year level one credit has been assigned to Innovative Technical Contribution to encourage student participation in such events
6.	There should be a research and innovation lab in every department.	Innovations are supported by the institute when proper proposals are received.
7.	Development of entrepreneurial cell and guidance to students for better career growth. Involvement in curriculum activities will also make a huge difference.	<p>Start-up cell has started functioning in the Institute</p> <p>Student feedback is taken before the Board of Studies meeting</p>
8.	Library should be open for 24*7.	Timings are increased whenever there is a higher demand for library



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Employer Satisfaction Survey Report

Sample Size: 25

Employer feedback is collected on a routine basis, whenever company executives come for recruitment and also after the campus placement process is over.

The following feedback was received from the 25 companies listed below on the performance of our students a few years after joining their organization.

Delhi International Airport Ltd	Zensar Technologies Pvt. Ltd.	The Indian Hume Pipe Co. Ltd.
GPC Sheopur	Gartner	Grasim Industries limited Unit-Indian
Persistent Systems Ltd.	MPWaterResource Development	DilipBuildcon Limited Bhopal
Quikr	MPMKVVCL BHOPAL	Schneider Electric Infrastructure Ltd
VEM Technologies	Xavient Digital Powered by Telus International	Bharat Oman Refinery Limited
Persistent Systems Private Limited	HCIL, Gurgaon	Department of Revenue, MP
SamratAshok Technological Institute, Vidisha M.P.	Britannia Industries Limited	Madhya Pradesh Rural Engineering Services
Accenture	MP Rural Road Development Authority	Jamna Auto Industries Limited
		Lovely Professional University



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Computation of Employer Satisfaction Index (Sample Size: 25)

	Very Poor	Poor	Fair	Very Good	Excellent	Employer Satisfaction Index
Level of technical contribution	0	0	6	12	7	4.04
Ability to learn new areas, engage in professional development, and adapt to technological changes	0	2	2	12	9	4.12
Do they deserve elevation to higher level	0	1	3	11	10	4.2
Level of ethical and social responsibility	1	0	4	11	9	4.08
Demonstrated ability to work well on a team	1	0	2	10	12	4.28

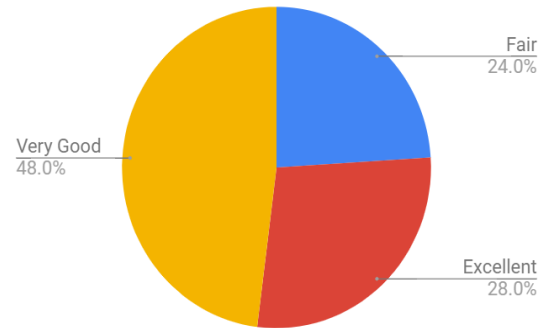


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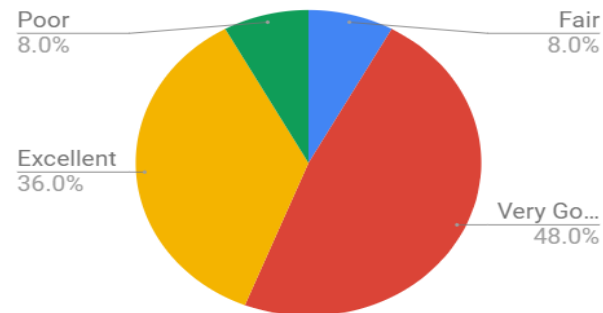
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Feedback on accomplishments of graduates from MITS Gwalior, (focusing on their few years performance after graduation) on the following points:-

1. Level of technical contribution



2. Level of success in learning new areas, engaging in professional development, and adapting to technological change

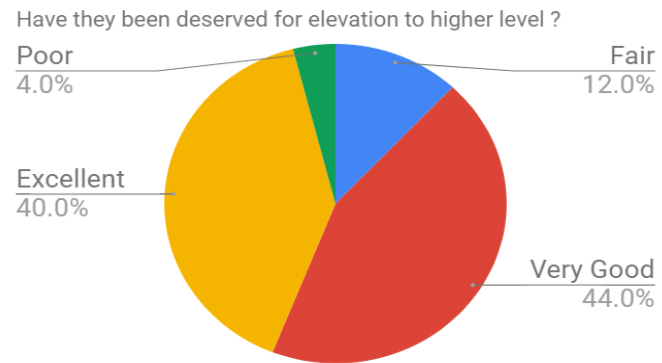




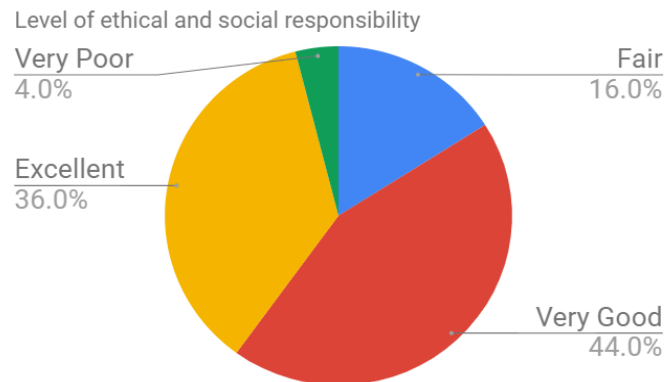
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3. Do they deserve elevation to higher level ?



4. Level of ethical and social responsibility

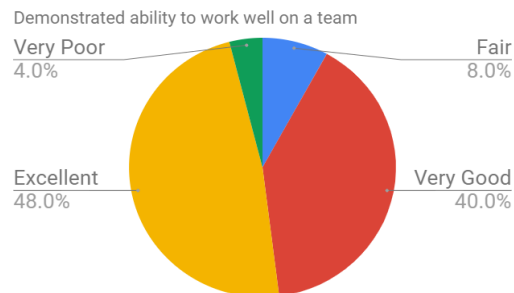




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5. Demonstrated ability to work well on a team



6. Other Comments Posted by Employers:-

Good technical knowledge
GOOD. KEEP IT UP
Hardworking & smart students
He is having good technical knowledge as well as great dedication and attitude towards any given task. He is having great potential to grow in our organization.
Mr Tushar is sincere and hard working.and is an asset to the university.
Nicholas is a great addition to the team. He has shown good acumen to research new technology and solutions and find the best possible usage out of that.
Overall Good Candidates
Please make your study environment as per private companies standard.
Positive, dynamic, fast learner, good team performer.
Require more Co -Operation and Co-Ordination.



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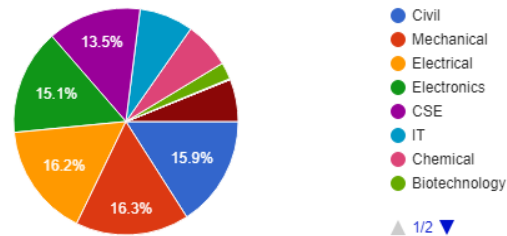
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Exit Survey Report 2018 Graduated Batch

Total No. of Responses: 875 (Students)

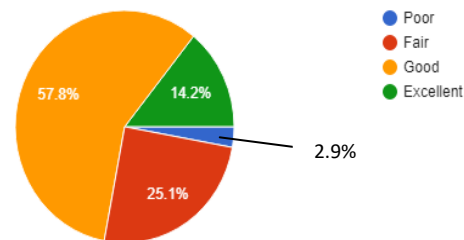
Your Branch?

875 responses



Rate the Faculty Teaching in the UG & PG Programs:

875 responses



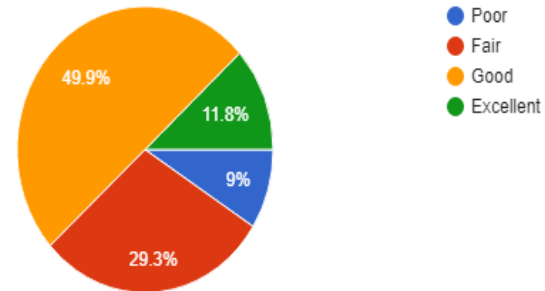


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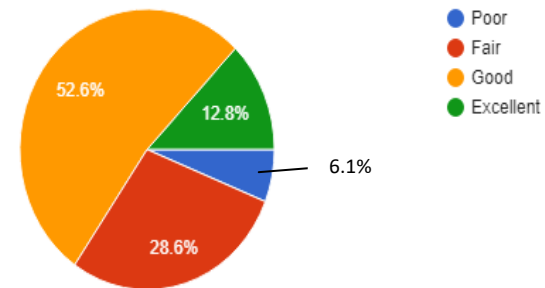
Creativity of Your Professors?

875 responses



Teaching Methods of Faculty?

875 responses



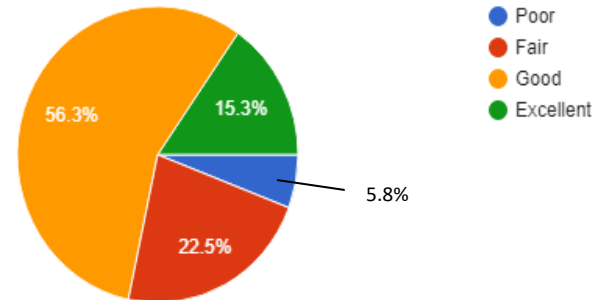


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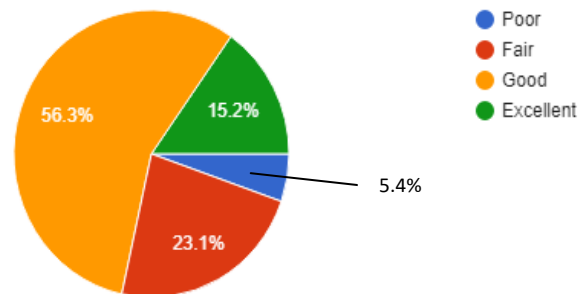
Relevance of Course to Your Career Goals or Further Study:

875 responses



Availability of and Access to Faculty During Office Hours:

875 responses



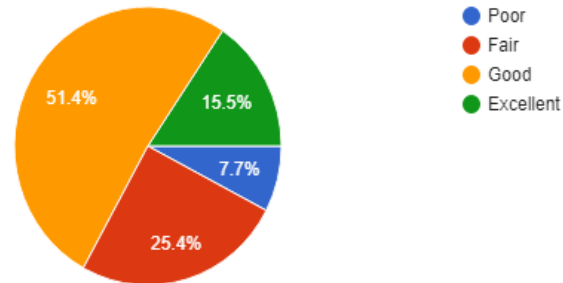


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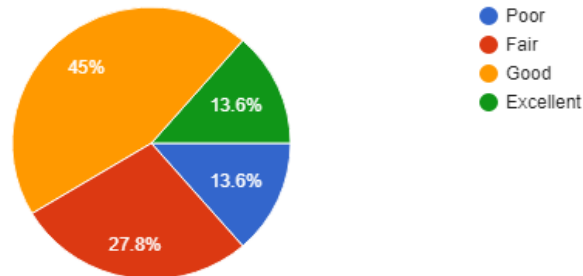
Classroom Facilities:

875 responses



Library Resources in the Areas of Engineering, Research, Journals & e-Journals, Technical Magazines etc.

875 responses



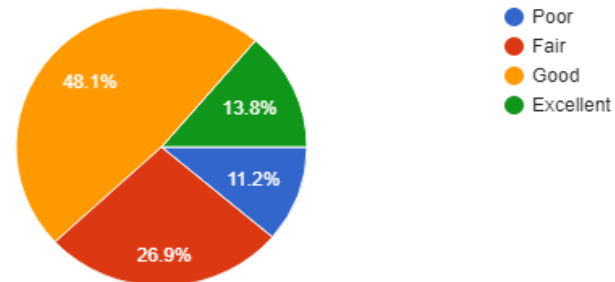


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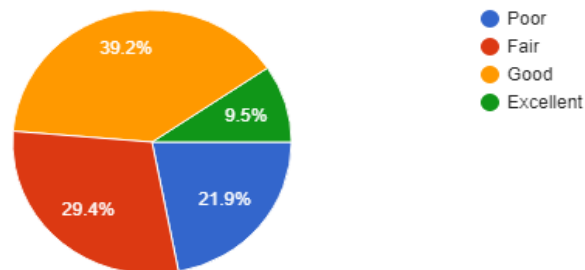
Help in Career Counselling and future Planning:

875 responses



Internship Opportunities:

875 responses



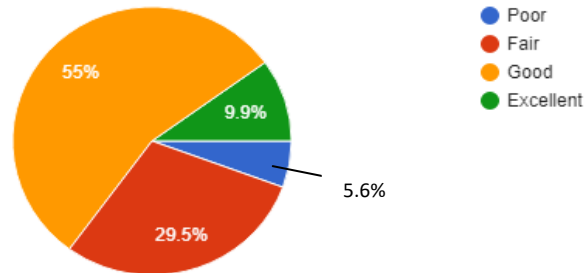


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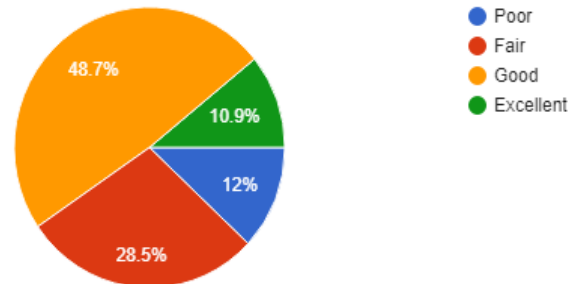
Student Organizations, Technical & Social Clubs:

875 responses



Cultural Activities and other Development:

875 responses



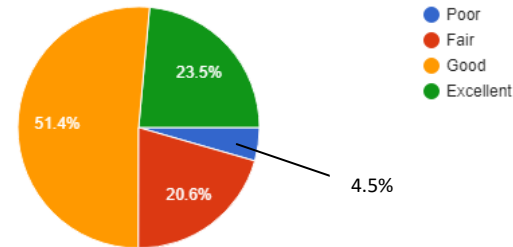


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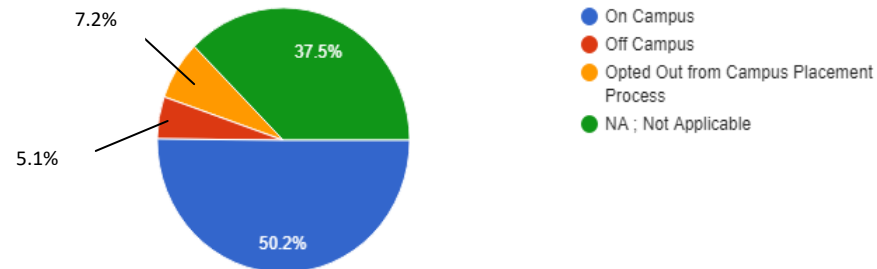
Training & Placement Support:

875 responses



Were you selected for Job On Campus or from Outside?

875 responses



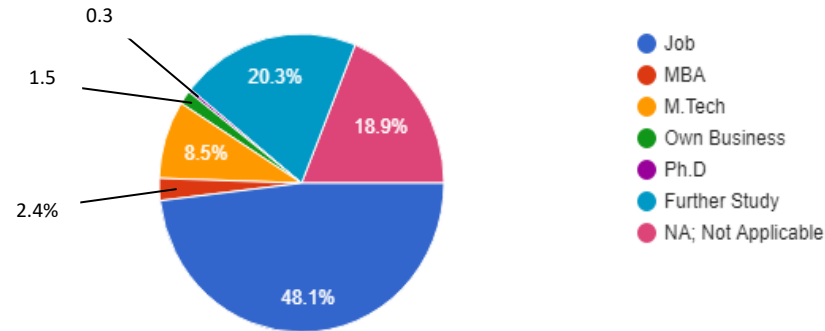


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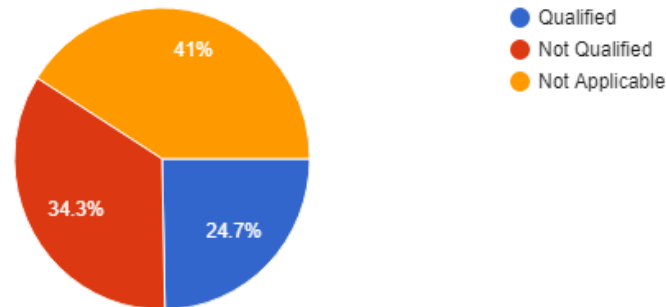
Opted for Job or Post Graduation?

875 responses



Have you Qualified or Not Qualified GATE Exam?

875 responses





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23. BEST PRACTICES OF THE DEPARTMENT (LIST AT LEAST TWO)

Civil Engineering

- A. Field Visits
- B. Industries Based U.G. & P.G. Projects

Mechanical Engineering

BEST PRACTICE -1

1. **Title of the Practices-** Colloquium (Poster Presentation of final year student's projects)
2. **Objective of the Practice-** The objective of this practice is to bring the projects made by the UG and PG students of all branches on a common platform to showcase their project/models in front of external examiners. This practice helps each student to not only have knowledge of their discipline but also have knowledge of other disciplines and share their ideas and expertise.
3. **The Context-** Before this practice, just a simple presentation of the projects of final year students did take place but it doesn't allowed all other discipline students and faculties to understand each other's department's projects. Now this practice gives opportunity to students of all disciplines to showcase their project and ideas in front of all.
4. **The Practice-**
 - i. One date is fixed in well enough to notify all students and external examiners.
 - ii. Students of final year students are invited to present and demonstrate their projects using a poster for each project.
 - iii. Each group of students make a poster of their project format of which is same and decided by the event co-ordinator.
 - iv. All senior faculties of the Institute as well as external examiners from industries are invited in advance to come and evaluate the projects on the event day.



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- v. On the day of event all projects are arranged with a specific number given to them. Examiners come and evaluate these projects while students present and demonstrate their projects to them.
- vi. We are also going to invite the students from other institute also to showcase their projects on this event from next year.
5. **Evidence of Success**-Due to this practice students and faculties interaction with each other has increased and many interdisciplinary projects have also come out.
6. **Problems Encountered and Resources Required**-No major problems are encountered but due to the timing of this event close to the end semester exam, students from other institute are not willing to come here. So from the next year we will adjust the timing so that the students from other institutes can also showcase their projects on a common platform.

BEST PRACTICE - 2

1. **Title of the Practices**- Participation in National level SAE Events (BAJA SAE, EFFICYCLE, SUPRA etc.)
2. **Objective of the Practice**-The objective of these competitions is to provide students a challenging project that involves design, engineering, planning, manufacturing and marketing the tasks found. In these events teams compete against one another to have their design accepted for manufacturer of a fictitious firm. Students must have to function as a team not only to design, build, test, promote, and run a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.
3. **The Context**- There was a need to give students some opportunities of working on a challenging project so that they can apply their knowledge and innovative ideas to create something new and compete on national level to showcase their talents. So this practice provides them the best
4. **The Practice**-There are following different types events in which students participate:
 - i. BAJA SAE INDIA
The objective of the competition is to provide members with a challenging project that involves design, engineering, planning, manufacturing and marketing the tasks found. Teams compete against one another to have their design accepted for manufacture by a fictitious firm. Students must function as a team not only to design, build, test, promote, and run a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.



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ii. SUPRA

The SUPRA SAEINDIA is a competition which presents the Under Graduate & Post Graduate Engineering Students the task of designing, modeling and fabricating a formula type racing car.

iii. EFFI-CYCLE

In efficycle, student aim to design a battery operated tri-cycle to promote pollution free environment.

5. Evidence of Success-

- Ranked 22nd in virtual and 33rd in final round of NKRC 2015.
- We introduced Smart Helmet, Adjustable Steering and Variable Brake Pedal Ratio as innovations in that competition.
- Ranked 45th out of 250 teams all over India in 2016.

6. Problems Encountered and Resources Required–

There is not any major problem encounter but sometimes students need financial support because these events are capital intensive.

BEST PRACTICE - 3

1. **Title of the Practices**– Allocation of Major and Minor Projects to students based on their area of interest.
2. **Objective of the Practice**–Major objective of this practice is to acquaint students with their area of interest which may later become specialisation for further studies. This objective also helps students to come up with innovative ideas because they do projects in which they are interested.
3. **The Context**–As the world is talking about innovations and start-up it is essential for the institute and department as specific, to motivate and encourage students generate ideas and do projects in their interest areas. Many a times it was observed that students complain about their projects that they did not get projects according to their interests. So this practice is an initiative in making direction.



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4. The Practice–

- i. First of all students are intimidated through Google form to fill their area of interest (Thermal, Design, Production etc.) according to their preference (up to three preference) for their projects. Also their CGPA is filled against their name.
- ii. Simultaneously, a list of faculty is created based on their disciplines and they are grouped accordingly.
- iii. Finally a guide and the projects are allotted to each student based on their preference and also based on their CGPA till now. For example, if we have 10 design projects and 13 students with Design as their first preferred area of interest, then first 10 students will get design while remaining 3 will get their second preference.

5. **Evidence of Success**–Students get fully satisfied with this practice and many new and innovative ideas had come up during every year.

6. **Problems Encountered and Resources Required**– Not any major problem encountered as all faculties cooperated for this initiative.

BEST PRACTICE - 4

1. **Title of the Practices**– Conduction of mid semesters exam with proper time table and sitting plan (Like the end semester exam).

2. **Objective of the Practice** – This objective helps in fair and smooth conduction of mid semester exams.

3. **The Context** – It was observed that without proper sitting plan students used to create chaos and use unfair means during the exam. So this practice helped in overcoming the above mentioned problems.

4. The Practice–

- i. A proper time table of the mid semester exam is prepared and displayed on the notice board.
- ii. Before the each mid semester a sitting plan for all students is prepared and displayed on the notice board so that students can see their room number and seats well before the exam.
- iii. Random invigilation duties are given to faculties.

5. Evidence of Success–

- i. Smooth conduction of mid semester exams without any chaos last time hotchpotch.



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- ii. Prevention of unfair means and cheating during the exam.
6. **Problems Encountered and Resources Required**-No such major problem encountered.

BEST PRACTICE – 5

1. **Title of the Practices**– Use of a common cloud storage(Dropbox) within the department
2. **Objective of the Practice** – This practice helps in fast and proper flow of information in the department and prevention of data redundancy. To accomplish this, all that we need to do is place the files in a folder that is designated for sharing with specified users or the general. In addition to this, Dropbox is an ideal platform for backing up information. This means that if your computer crashes or your smart-phone is lost, you can easily use Dropbox to access all the files that were in them. This saves you a headache.
3. **The Context** – It was observed that without proper cloud storage process of sharing of data was very tedious and time taking. Also there was the problem of data redundancy and updation of information in any file required everyone to update it.
4. **The Practice** –
 - i. Each of the faculty installs a common cloud storage software in their laptops and desktop.
 - ii. For now we are using DROPBOX for this purpose.
 - iii. All useful files of the department are stored in this in a folder in DROPBOX and it is designated for sharing with specified users or the general for all. In this software anyone can see who is working on any file at that instant.
 - iv. If someone update any file than it gets updated for every one instantly.
5. **Evidence of Success** – Smooth flow of information less wastage of time and no data redundancy.
6. **Problems Encountered and Resources Required**-

No such major problem encountered. Net connectivity sometimes becomes a roadblock as it is not good in our institute.

Electrical Engineering

A. Dissemination of Information using Online Platforms



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The Purpose of this practice is to ensure the timely and reliable information regarding a course from course teacher to the students. It will result in less confusion among students about the different aspects of course, e.g. procedure of submission of assignment, evaluation criteria, any change in the course from previous years, resources to be recommended etc. In addition to this, this practice will result in establishing a more informal channel of one-to-one communication between a teacher and a student. Such a channel will ensure that those students, who hesitate to clear doubts in class due to any reason, will clear it in the confines of online platforms. It should also be emphasized that this endeavour will result in development of every student of the class.

The performance of students in various courses in a semester improves manifold, when they become aware about the associated frameworks of the course. These frameworks include how the evaluation will take place, what will be the parameters of evaluation, what will be the mode of evaluation, what are the different resources, both online and offline, required for the course, how to submit assignment and other announcements regarding the course. It was observed that a teacher requires a large amount of time, sometimes a week, to explain all the required procedure and information to the students. This entails ineffective use of teaching hours and it also does not guarantee the reliable transfer of knowledge, as students use to refer the notes he/ she made during the class as per his/her understanding of the instructions.

To overcome the above mentioned problems, it was suggested that use of online platforms like whatsapp, MOODLE, youtube, google classroom should be encouraged by the faculty members to disseminate information to students. It was observed that the students are more comfortable using these sources. Hence, all the students were encouraged to use a common platform. However, all students don't use the same website, hence, a multi-platform imitative was promoted.

B. Model solution to be shown and discussed in the classes after mid-term exams.

C. Mid- term result analysis will be done according to following format:

Students Marks	0-6	7-12	13-16	17-20
No. of students				



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- Students of column I and II will be considered as the most important slowest learner students and slow learner students respectively.
- Meeting with these will be done to find the difficulty of students. *Personal Attention Classes* will be conducted for these students. Following steps will be taken to help them:
 - ✓ Learning material of the students will be checked and adequate learning material will be provided.
 - ✓ Revision of course contents as per their need.
 - ✓ Assignments, checking and guidelines for improvement.
 - ✓ The best copy to be shown and discussed among students of column I and II.

Electronics Engineering

- Mid semester paper solution
- Regular Meditation for stress management
- Project based learning
- Encouraging students for patent filing

CSE/IT

- | |
|---|
| 1. Allowing Major Project groups to form around learner interest, Continuous assessment of major project by the committee |
| 2. Guide and Topic allotment mechanism for PG dissertation |
| 3. Focussed Industry Interface strengthening at department level. |

Chemical Engineering

1. Students were allowed to keep their views openly.
2. Academic work is done on time.



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Biotechnology

1. **STRONG MENTOR MENTEE RELATIONSHIP:** Department has strong student mentoring practices. One to one interaction with Students makes strong bond between one of the important stakeholders. Class coordinators conduct meetings with students regularly and look after all academic and non-academic problems. In addition to above, department has initiated a practice of felicitating the students who have qualified GATE, NET or other competitive exam.
2. **Conduction of virtual labs:** Department regularly conducts virtual labs of almost all courses before hands on lab practice. This makes the students to learn the correct and fast method of performing the experiment.
3. **Conducting Open Seminar:** Seminar topics are presented by the students in the presence of all faculty members and students of all years of Biotechnology. This practice boosts confidence in the students and gets exposure to large number of topics beyond the syllabi.
4. **Presentation of innovative ideas in Minor Project:** Students of B.E. third year are asked to present innovative idea related to various fields of Biotechnology and are asked to prepare a report for Minor Project. The best idea is appreciated at department level and evaluated by external examiner as well.

Society need based UG project: Department finalizes the project topics thesis by taking into consideration the needs of society. The topics are discussed in the meeting of faculty guides with the coordinator and after approval by the research committee of the department, topics are allotted to students.

Applied Science

- a. Continuous Internal Evaluation of all students.
- b. MOODLE Utilisation
- c. Conduction of Remedial Classes
- d. Development of Rubrics.



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ARCHITECTURE

The Department is the leading voice for excellence in the field of Architecture and Construction in country, demonstrating how design enhances the quality of life, while addressing important issues of society through responsible architecture and to make institute, a distinguished centre of research, innovation, learning, capacity building and scholarly inquiry to become a globally competitive institution.

24. NEWS PAPER CUTTINGS/ ACHIEVEMENTS COVERED BY MEDIA

Electrical Engineering

एमआईटीएस : इलेक्ट्रिकल डिपार्टमेंट को 5 साल के लिए मिली संबद्धता

ग्वालियर। माधव इंस्टीट्यूट ऑफ टेक्नॉलॉजी एंड साइंस (एमआईटीएस) के इलेक्ट्रिकल इंजीनियरिंग डिपार्टमेंट को नेशनल बोर्ड ऑफ एक्रिडिटेशन ने 5 साल के लिए एक्रिडिटेशन दिया है। सितंबर 2013 में डिपार्टमेंट का निरीक्षण किया गया था। डिपार्टमेंट के संसाधनों और गुणवत्ता के हिसाब से 1000 में से 768 अंक दिए गए थे। यह रिपोर्ट भी एनबीए ने भेज दी थी, इतने अंकों के हिसाब से 5 साल के लिए

एक्रिडिटेशन मिलना चाहिए था लेकिन दिया गया 2 साल के लिए। यह गलती इलेक्ट्रिकल इंजीनियरिंग डिपार्टमेंट की एचओडी डॉ. लक्ष्मी श्रीवास्तव तथा डीन एकेडेमिक डॉ. मंजरी पंडित की पकड़ में डॉक्यूमेंटेशन के दौरान आई। इसके डायरेक्टर प्रो. आरके पंडित ने एनबीए को पत्राचार किया तो गलती सुधार करते हुए 5 साल के लिए एक्रिडिटेशन दे दिया गया। इसका पत्र भी एमआईटीएस में पहुंच गया है।



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ARCHITECTURE



- ‘Birla White Yuvaratna’ – MITS architecture student wins national design award
- The winner was felicitated by Mrs. Rajashree Birla
- The design contest held in line with Hon’ble Prime Minister’s ‘Design in India Vision’



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- **Mumbai, March 19, 2018:** Jagrati Jain, a fourth-year architecture student at Madhav Institute Of Technology & Science (MITS) – Gwalior, bags India’s best design award. She has designed concept for Amaravathi Convention Centre, as a part of the ‘Birla White Yuvaratna’ competition announced last year. The award is most acclaimed Indian design award for the architectural fraternity, organized by Birla White every year.
- Inspired by Hon’ble Prime Minister Narendra Modi’s ‘Design in India’ vision for building a beautiful India, the competition encourages young architects to push the boundaries of design and creativity. The annual design contest has received a huge response from students and architectural fraternity across India and Nepal. Over 2,000 drawing entries from 100 institutions have been received by Birla White.
- “I was thrilled to hear my name and that of MITS being announced as the winner. This achievement has established the credentials of our institute as the center for academic excellence in architectural education in India. I would be delighted to see my concept on Amravati Convention Centre gets converted into a recognized infrastructure,” said **Ms. Jagrati Jain**.
- The winners exhibited their projects at a final event held in Mumbai last week. They were felicitated by **Mrs. Rajashree Birla, Director board member at Aditya Birla Group companies**, in the presence of eminent architects and construction professionals from across India. The jury for this year’s contest was an elite panel of renowned architects which included **Ar. Rajeev Sathe, Ar. Ketan Vaidya, Ar. Nilabh Nagar, Ar. Ramaswamy Natesaiyer, Ar. Ravi Ramakrishnarao** and **Ar. Nishant Gupta**.

25. ANY OTHER ACHIEVEMENT OF FACULTY/ STAFF /STUDENTS

Civil Engineering

SPORTS:	
Abhijot Singh Kang	Represented RGPV University in interuniversity tournament
Anjali Verma	1 st place in inter collegiate badminton tournament
NCC :	
Abhijot Singh Kang	Best cadet award
Aishwaraya Shimpi	Participated in various NCC camps
POSTER PRESENTATION :	
Anchal Awasthi	At MITS Gwalior
Kangan Kaushik	At MITS Gwalior



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Electrical Engineering

- ME (Industrial Systems & Drives) was accredited for two years (upto June 2019)
- PhD awarded to Prof. Harimohan Dubey on topic “Bio-inspired optimization techniques for economic dispatch in power system” on 16.11.2017

CSE/IT

BOOK PUBLISHED (AS EDITOR) BY FACULTY MEMBERS

S.No.	Book Title	Editor(s)	ISBN/EISBN	Publisher	DOI	Projected Release Date	Pages
1.	Soft-Computing-Based Nonlinear Control Systems Design 	Uday Pratap Singh, Akhilesh Tiwari, Rajeev Kumar Singh	ISBN13: 9781522535317 ISBN10: 1522535314 EISBN13: 9781522535324	IGI Global, USA	doi:10.4018/ 978-1-5225- 3531-7	E-Book: Available on Web Hardcover: February, 2018	415



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Faculty Involvement/Achievement

Name of Faculty	Achievements
Prof. R. R. Singh Makwana	Received top performing mentor recognition for NPTEL online certification course- Programming, Data Structures and Algorithms using C.
Dr. Manish Dixit	Appreciated as IEEE faculty coordinator

Achievement of Student	
Sarthak Somani, CSE, III year Student	Scored 86% in the NPTEL course- Programming, Data Structures and Algorithms using C. Nominated as a Topper of the course (belongs to the top scored 2% students of India)

List of Students Qualified NPTEL Courses during 2017-18 & declared eligible for certification

S. No.	Name	Course Name	Roll Number	Final Score	Certificate Type
1.	Sakshi Patel	Introduction to Soft Computing	NPTEL18CS13S3370039	48	Successfully completed
2.	Aashi Singh Bhadouria	Data Mining	NPTEL18CS14S4370015	44	Successfully completed
3.	Arun Kumar Dhakad	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370028	61	Elite
4.	Dipan Nanda	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370034	77	Elite
5.	Satyansh Mishra	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370044	57	Successfully completed
6.	Milan Kulshrestha	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370059	54	Successfully completed
7.	Ankit Gupta	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370026	68	Elite



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S. No.	Name	Course Name	Roll Number	Final Score	Certificate Type
8.	Shubhi Singhal	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370074	63	Elite
9.	Mahak Jain	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370012	71	Elite
10.	Rohit Prajapati	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370018	59	Successfully completed
11.	Sandhya Rana	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370067	58	Successfully completed
12.	Sarthak Pandey	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370053	53	Successfully completed
13.	Aashish	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370032	58	Successfully completed
14.	Himanshu Mishra	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370042	72	Elite
15.	Amit Tiwari	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370024	71	Elite
16.	Harshit Sharma	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370040	74	Elite
17.	Nikhil Ram	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370061	66	Elite
18.	Vivek Jain	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370076	78	Elite
19.	Pranshu Garg	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370063	71	Elite
20.	Harshita Gupta	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370038	78	Elite
21.	Utkarsh Maheshwari	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370008	75	Elite



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S. No.	Name	Course Name	Roll Number	Final Score	Certificate Type
22.	Pankaj Devesh	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370016	68	Elite
23.	Abhinab Kumar	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370022	69	Elite
24.	Vikas Korva	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370055	47	Successfully completed
25.	Ashish Shah	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370030	60	Elite
26.	Sarthak Somani	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370036	86	Elite (Topper of 2% in this course)
27.	Sameeksha Saboo	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370020	61	Elite
28.	Rupali Patel	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370065	79	Elite
29.	Nainsi Gupta	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370014	44	Successfully completed
30.	Sapan Jain	Programming, Data Structures and Algorithms using C	NPTEL18CS25S4370006	81	Elite

Biotechnology

- Dr. Prangya Ranjan Rout has received Young Scientist Award, 2017 by Orissa government.
- 40% students got selected in GATE/ DBT- NET (JRF).



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Applied Science

- **Book Published:**

S.No.	Name of Faculty Member	Name of the Book	Publication Name	Year of Publication
1	Dr. D K Jain	Engineering Mathematics –II Page 396+18	Shriram Prakashan Gwalior	Tenth Edition 2018 ISBN 978-93-820774-6-6
2	Dr. D K Jain	Engineering Mathematics –III Page 418+18	Shriram Prakashan Gwalior	Second Edition 2018 ISBN 978-93-820775-1-0
3	Dr. D K Jain	Algebra and Trigonometry for B.Sc. I year Paper-I, page296, Text book	Shriram Prakashan Gwalior	First edition, 2017-18 ISBN 978-93-820775-4-1
4	Dr. D K Jain	Calculus and Differential Equations for B.Sc. I year Paper-II, page384, Text book	Shriram Prakashan Gwalior	First edition, 2017-18 ISBN 978-93-820775-5-8
5	Dr. D K Jain	Vector Analysis and Geometry for B.Sc. I year Paper-I, page272, Text book	Shriram Prakashan Gwalior	first edition, 2017-18 ISBN 978-93-820775-6-5
6	Uday Pratap Singh, A. Tiwari and R. K. Singh	Computing-Based Nonlinear Control Systems Design	Publisher: IGI Global	ISBN:9781522535317, DOI: 10.4018/978-1-5225-3531-7, Feb. 2018.

- **Book Chapter / e Book Published:**

S. No.	Title of eBook/Book Chapter	Publisher	ISBN
1.	An Improved RBFNN Controller for a Class of Nonlinear Discrete-Time Systems With Bounded Disturbance- Book Chapter: Authors :Uday P Singh, S. Jain, D K Jain, Rajeev K Singh	Emergent Research on the Application of Optimization Algorithms (IGI Global)	Full Chapter no 28: sep., 2017 DOI:10.4018/978-1-5225-2990-3.ch028



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S. No.	Title of eBook/Book Chapter	Publisher	ISBN
2	Lecture Notes on Differential and Integral Calculus (A Simplified Course for B.G. 1st Semester according to the syllabi of Kashmir University and Cluster University) Authors : Altaf Ahmad Bhat, Farooq Ahmad Sheikh, Dr. D. K. Jain , Prof. Renu Jain, Bilal Ahmad Dar- eBooks and Book	GRIN Publishing, located in Munich, Germany, has specialized since its foundation in 1998 in the publication of academic ebooks and books. The publishing website GRIN.com	Textbook, 2017 298 Pages, Grade: 9.5 PDF version for only US\$ 0.99 Download immediately. Incl. VAT Book for only US\$ 65.50 Shipping worldwide
3	Object Extraction Using Topological Models from Complex Scene Image Authors : Uday Pratap Singh and S. Jain	Advanced Concepts in Real-Time Image and Video Processing. (IGI Global)	2017, Chapter: 13, pp. 335-357, ISBN: 9781522528487.
4	Nature Inspired Based Adaptive Neural Network Approximation for Uncertain System Authors : Uday Pratap Singh , S. Jain, A. Tiwari and R.K.Singh	Emergent Research on the Application of Optimization Algorithms, (IGI Global)	2017, Chapter: 19, pp. 439-461, ISBN: 9781522529903.
5	Intelligent Image Retrieval via Deep Learning Techniques Authors : Rajeev Kumar Singha, Suchitra Agrawal, Uday Pratap Singh , and Sanjeev Jain	Deep Learning for Image Processing Applications (IOS Press)	2017, DOI: 10.3233/978-1-61499-822-8-68, ISSN: 978-1-61499-822-8.
6	Discovering Optical Pattern For Forensic Pattern Warehouse Authors : Vishakha Agarwal, Akhilesh Tiwari, R.K. Gupta and Uday Pratap Singh	Advanced Computing and Communication Technologies, (Springer)	2018, ISBN: 978-981-10-4603-2, DOI: 10.1007/978-981-10-4603-2.
7	Utility and Significance of Vague Set Theory and Advanced Optimization Mechanisms for Uncertainty Management Authors : B. Sowkartika, A. Tiwari and Uday Pratap Singh	Soft Computing-Based Nonlinear Control Systems Design. (IGI Global)	2018, Chapter: 10, pp. 191-219, ISBN: 9781522535317, DOI: 10.4018/978-1-5225-3531-7.ch010.

ARCHITECTURE

1. Dr. A. S. Patil, A 3 F Architectural Journalism Award, November 2017
2. Ar. Richa Mishra, Awarded best thesis in the graduating M. Arch. (conservation) on 14.10.17 by SPA, Bhopal



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3. Birla White Yuvaratna' – : Jagrati Jain, a fourth-year architecture student at Madhav Institute Of Technology & Science (MITS) – Gwalior IV Year architecture student wins national design award

26. INVOLVEMENT OF FACULTY AS EXPERTS IN COMMITTEES, RESOURCE PERSONS, EXPERT LECTURES, KEYNOTE ADDRESS :

S.No.	Name of Faculty	Expert Lecture	Organized By	Whether International/ National/State/ Regional/ College or Uni. Level
Civil Engineering				
1.	Dr. S.K. Jain	Earthquake Resistant Design of Structures through Base isolation	Amity University Madhya Pradesh Gwalior (31/08/ 2017)	Regional level
Mechanical Engineering				
1.	Dr. Amit Aherwar	Introduction to Rapid Manufacturing: 3D Printing and Rapid Prototyping	Manav Bharti University, Himachal Pradesh (Jan 20th, 2018)	National level
2.	Dr. Amit Aherwar	Design of Experiments: A practical approach for Manufacturing Engineers	Kautilya Institute of Technology & Engineering, Jaipur (Oct 14th, 2017).	National level
3.	Dr. Amit Aherwar	Materials Processing and Characterization	Kautilya Institute of Technology & Engineering, Jaipur (Oct 14th, 2017).	National level
4.	Prof. C.S. Malvi	NBA Accreditation	DTE Bhopal at REC Rewa	State level
5.	Prof. Manish Sagar	NBA Accreditation	DTE Bhopal at REC Rewa	State level
6.	Prof. C.S. Malvi	Recent trends in the field of solar power manufacturing	Vikrant, Gwalior	Regional level
7.	Prof. C.S. Malvi	Solar & Wind integration for urban societies	Vikrant, Gwalior	Regional level
8.	Prof. C.S. Malvi	Solar energy: Advances and opportunities for sustainable development	Swami vivekanand Subharti University, Meerut	National level
9.	Prof. C.S. Malvi	How to write research paper	MITS, Gwalior	College level



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Electrical Engineering

<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on “Outcome Based Education in Technical & Higher Educational Institutions” on 12th October 2017 in two-week DST sponsored FDP organized by the ED Cell of MITS Gwalior from 7th Oct-20th Oct. 2017
<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on “Self Learning” on 11th January 2018 in two-week DST sponsored FDP organized by the Entrepreneurship Development Cell of MITS Gwalior from 9th January-19th January 2018
<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on “Outcome Based Education & NBA Accreditation”, in AICTE-QIP Short-term Course from 10th to 14th March 2018 on “Assuring Global Quality in Technical Education through Outcome Based Education” under the IQAC at MITS, Gwalior.
<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on ”NI Techniques and their Engineering Applications with MATLAB implementation” in one-week AICTE-QIP Short-term Course (STC) on “Numerical Application to Electromagnetics” on 29th January 2018, at MITS, Gwalior.
<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on "Optimization techniques and its Engineering Applications", in one-week AICTE-QIP Short-term Course (STC) on “Nature Inspired Optimization and its MATLAB implementation” on 17th March 2018, at MITS, Gwalior.
<ul style="list-style-type: none">• Dr. Manjaree Pandit Delivered expert lecture on "Hybrid wind-solar Micro-grid" in RGPV-TEQIP-III sponsored one-week FDP on "Emerging Technologies for Smart Cities", on 29.3.18 at Vikrant Inst. of Tech. & Management, Gwalior.

CSE/IT

Dr. Akhilesh Tiwari	Editor of International Journal of Computing Science and Communication Technologies (ISSN 0974-3375)
R. R. Singh Makwana	In the editorial board of IJCSSCA ISSN(0): 2454-5651 (International Journal of Computer Security & Source Code Analysis)
Dr. Manish Dixit	Reviewer of conference IDEA 2017 International Conference on Data, Engineering and applications 2017 held at RGPV Bhopal
Dr. Manish Dixit	Delivered an expert lecture on image processing using MATLAB at THDC-IHET Tehri, Uttarakhand, Jan 2018
Dr. Manish Dixit	Delivered an expert lecture on “Use of Science & Technology for Society “ held at Vikrant Institute of Technology & Management, Gwalior, Feb-2018



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27. INVOLVEMENT OF FACULTY AS EXPERTS IN COMMITTEES :

S. No.	Name of Faculty	Name of Committees	Place	Whether International/ National/ State /Regional/ College or Uni. Level
Mechanical Engineering				
1.	Dr. C.S. Malvi	PhD, RDC Committee	Mechanical Engineering Department, DTU, Delhi	National level
2.	Dr. C.S. Malvi	Subject expert interview panel	ITM, Gwalior	Regional Level
3.	Dr. C.S. Malvi	Project review committee, AQIS	AICTE, New Delhi	National level
4.	Dr. C.S. Malvi	Member of BOS, Mechanical & Automobile engineering	RGPV, Bhopal	State level
5.	Dr. C.S. Malvi	Subject expert interview panel "Energy"	UTD, RGPV Bhopal	State level
6.	Dr. C.S. Malvi	Technical expert solar roof top installation	IHM, Gwalior	Regional Level
7.	Dr. M.K. Gaur	BOS & Research Committee	AMITY, Gwalior	Regional Level
8.	Dr. M.K. Gaur	BOS	SATI, Vidisha	State level
Electrical Engineering				
1	Dr. Manjaree Pandit	Programme Committee member of the 12 th International Conference on Bio-inspired Computing: Theories and Applications BIC-TA-2017 December 1 st --3 rd , 2017	Harbin, China	International Level

FACULTY AS EXPERTS IN JUDGE/ADVISOR/ORGANIZER :

Electrical Engineering	
<ul style="list-style-type: none"> • Prof. Vishal Chaudhary worked as Judge at Talent Hunt of IET On Campus Fest at MITS Gwalior by IET Student Chapter on 23rd Sept 2017 • Prof. Vishal Chaudhary (Faculty Advisor) Representing MITS Gwalior participated in the National e-KART RACING CHAMPIONSHIP 2017 held at RPM International Kart Racing Circuit, Bhopal from 29th September to 03rd October 2017. 	



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- Prof. Vishal Chaudhary has successfully organised the zonal round of Central India's Largest Quiz Fest, ChimeraX; under the flagship of ISTE MANIT Bhopal as Faculty Advisor ISTE Student Chapter MITS on 27th January, 2018.
- Prof. Vishal Chaudhary has successfully organized "Yoga Workshop" as Faculty Coordinator Yoga Club, MITS Gwalior on 30th January, 2018.
- Prof. Vishal Chaudhary has organized Expert Talk 'How to Study effectively?' as Faculty Advisor ISTE Student Chapter MITS on 8th Feb, 2018.
- Prof. Vishal Chaudhary has successfully organized A Research paper presentation based event AAROHAN2k18 as Faculty Advisor ISTE Student Chapter MITS on 24th March, 2018

EXPERT TALK

Name of faculty	Talk on Topic
Electronics Engineering	
Dr. P. K. Singhal	5 Talks in AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics at MITS Gwalior from 27/01/18 to 31/01/18
Dr. Vandana Vikas Thakare	3 Talks in AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics at MITS Gwalior from 27/01/18 to 31/01/18
Dr. Bimal Garg	2 Talks in AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics at MITS Gwalior from 27/01/18 to 31/01/18. Technical talk in July 2017 on National channel Doordarshan.
Dr. Rekha Gupta	1 Talk in AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics at MITS Gwalior from 27/01/18 to 31/01/18.
Dr. Laxmi Shrivastava	1 Talk in AICTE sponsored (QIP grant) STC on Numerical Methods in Electromagnetics at MITS Gwalior from 27/01/18 to 31/01/18.



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28. INVOLVEMENT OF FACULTY AS REVIEWERS OF JOURNALS :

S.No.	Name of Faculty	Reviewers of Journals
Mechanical Engineering		
1.	Dr. Pratesh Jayaswal	(i) Journal of Vibration and Control, SAGE Publication. (ii) Proceeding of the Institution of Mechanical Engineers, Part C, Journal of Mechanical Engineering Science, London UK., SAGE Publication. (iii) Australian Journal of Mechanical Engineering, Taylor & Francis Publication (iv) Journal of Manufacturing Engineers'' (JME) published by Society for Manufacturing Engineering. (v) Renewable Energy-an International Journal, Elsevier (vi) Journal of Quality in Maintenance Engineering, Emerald Publication (vii) IEEE Transactions on Systems, Man and Cybernetics (viii) IEEE Access
2.	Dr. C.S. Malvi	(i) Journal of micro machining, SAGE (ii) Environment progress & sustainable energy, ASME (iii) Low Dimensional system & Nano structures, Elsevier (iv) International journal of energy research, Willey.
3.	Dr. M.K. Gaur	(i) Solar Energy, Elsevier (ii) Desalination (iii) Energy conversion & management
4.	Dr. Amit Aherwar	(i) Journal of Silicon, Springer (ii) Journal of the Brazilian Society of Mechanical Sciences and Engineering (BSME), Springer.
Electrical Engineering		
1.	Dr. Manjaree Pandit	(i) IEEE Transactions on Power Systems (ii) IET Renewable Power generation (iii) IET Generation, transmission & Distribution (iv) IET Smart Grid (v) Cognitive Computation (Springer) (vi) Engineering Applications of Artificial Intelligence (Elsevier)



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		(vii) Energy Conservation & Management (Elsevier) (viii) Renewable Energy (Elsevier) (ix) Applied Energy (Elsevier) (x) Applied Soft Computing (Elsevier) (xi) Swarm and Evolutionary Computation (Elsevier) (xii) International Journal of Electrical power & Energy Systems (Elsevier) (xiii) Journal of Institution of Engineers, India-Series –B(EE) (Springer)
2.	Dr. Laxmi Shrivastav	(i) Cogent Engineering, (Taylor & Francis) (ii) Renewable Energy Focus, (Elsevier) (iii) Electric Power Components and Systems, (Taylor & Francis) (iv) IEEE Transactions on Cybernetics (v) International Journal of Modelling and Simulation, (Taylor & Francis) (vi) IEEE Transactions on Power Systems (vii) Applied Soft Computing (Elsevier)
3.	Dr. H.M. Dubey	(i) International Journal of ENGINEERING SCIENCE AND TECHNOLOGY, AN INTERNATIONAL JOURNAL(Elsevier) (ii) International Journal of CLEANER PRODUCTION (Elsevier) (iii) Energy & Environment (iv) International Journal of Machine Learning and Cybernetics(Springer) (v) International Transactions on Electrical Energy Systems (wiley) (vi) International Journal of Bio-Inspired Computation(inderscience) (vii) Journal of Experimental & Theoretical Artificial Intelligence(Taylor & Francis)
Electronics Engineering		
1.	Dr. Sarthak Singhal	IEEE Antenna And Wireless Propagation Letters, USA IEEE Access, USA Wireless Personal Communication, Springer, Springer, Netherland Applied Computational Electromagnetic Society(ACES) Journal, USA IET Microwaves, Antenna & Propagation, UK IET Electronics Letters, UK ETRI Journal, Republic Of Korea



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		Wiley-International Journal Of RF And Microwave Computer-Aided Engineering Frequenz Journal Of RF-Engineering And Telecommunications, Germany International Journal Of Electronics And Communications, Elsevier, Netherland International Journal Of Antennas & Propagation, Hindawi , United Kingdom Asia Pacific Microwave Conference 2017 To Be Held In Kuala Lumpur, Malaysia 2017 IEEE 13th Malaysia International Conference On Communications (MICC) Held Johor Bahru, Malaysia
2.	Dr. Vikas Mahor	IEEE Transaction on Semiconductor Materials, USA Journal of Circuits Systems & Computers, WSJ, USA Circuits Systems & Signal Processing, Springer, UK Journal of Low Power Electronics, ASP, USA
3.	Dr. Sudhakar Modem	IEEE systems journal, IEEE communication letters

29. FACULTY MEMBERS WHO ATTENDED CONFERENCES, PRESENTED PAPERS OR ACTED AS PC MEMBER/ORGANIZING COMMITTEE MEMBERS :

No. of Faculty	International Level	National Level	State Level
CSE/IT			
Attended (Conference)	01	-	-
Attended (Workshop)	-	08	-
Presented Papers	02	-	-
Resource Person	-	02	-
PC member/organizing committee member	03	-	-

(Name & Signature)