



Minutes of the Internal Quality Assurance Cell (IQAC), Meeting held on 27th June, 2019

Item-1	<p>To review the placement status and initiatives undertaken for employability enhancement & confirmation of minutes of previous meeting held on 22.05.2019.</p> <ul style="list-style-type: none">➤ The placement status and initiatives undertaken for employability enhancement were discussed in compliance to previous IQAC meeting dated 22.05.2019. The on campus recruitment count has been 514 this year as presented in the previous meeting. According to Aon Campus Study report 2018-19, which was referred in the previous meeting by member of the House (representative from employers) Mr. Rajnesh Khosla, following are the recommendations:<ul style="list-style-type: none">✓ New age skills such as Machine Learning, Data Science, Artificial Intelligence etc are very helpful in getting better selections and higher packages.✓ Companies have dedicated and institutionalized campus hiring teams which track metrics such as Offer to Joining Ratio, Early Attrition, Cost per Campus Hire, employee Engagement, Behavioural Assessment etc before visiting an institution.✓ New and innovative methods are being employed to build a brand and to improve interaction between Industry and Institution; such as conducting<ul style="list-style-type: none">- <i>Hackathons, Realistic Job Previews, Standardized Job Tests</i>- <i>Career Fairs, Live projects, Alumni connect & networking</i>- <i>Case study competitions, Social advertising and Campus ambassador programme</i>➤ The minutes of previous IQAC meeting dated 22.05.2019 were confirmed.
Item-2	<p>To propose plan of action for improving the status of (i) Summer Internships after V semester and (ii) Full semester internship in VIII semester for students</p> <ul style="list-style-type: none">➤ The house reviewed the status of Internships provision under the flexible curriculum, as per flexible curriculum implemented in the Institute internship in relevant industry is mandatory for all the disciplines for the students after V semester. Also, there is a provision/option for full semester internship in the VIII semester for students to boost employability.➤ The house accepted the needs to further strengthening of T&P Cell of the institute to take up the additional load of:<ul style="list-style-type: none">- <i>arranging internships/internship placements for all the students</i>- <i>for creating awareness among students for effectiveness of Internships, and</i>- <i>for building ties with industries for improving number of internships</i>➤ The Director of the Institute has emphasised on the need to call the Industries for the conduction of In-house internship in the area of software development, project management & other Innovative

skill developments. The feasibility of such in-house internship programs may be checked by conduction of joint collaborative training program with industries like IBM, Microsoft, etc.

- The alumni/entrepreneur member **Mr. Ashutosh Chincholikar** emphasised that first the faculty of the institute needs to be trained for conducting collaborative research and training in association with industries. Mr. Chincholikar also expressed willingness to initiate and help in organizing this activity initially beginning with about 10 faculty members at nearby Industries in Gwalior. It is expected that faculty training in latest industrial practices will help in bridging the gap between industry and academia and both industry as well as institutes will benefit by these ventures.
- **Mr. Yatindra Kumar Shrivastava**, Industrialist & Employer members of IQAC, assured his help that wide publicity about such provisions will be done using his professional network for enhancement of internship and employability.

Item-3 To review the status of implementation of “Occupational Health and Safety Provisions” in the institution

- The house reviewed the status of “Occupational Health and Safety Provisions” in the institution. As a part of the Project Implementation Plan (PIP) of TEQIP-III, all participating institutions required to:
 - *Ensure that Occupational Health and Safety (OHAS) has been incorporated in the model curriculum.*
 - *follow various Acts and directions issued by Govt. of India and also Hon. Supreme Court, provide Tool Box, safety from hazards in laboratories and other relevant locations/ installations. It is always checked by different committees including NBA visiting institutions.*
 - *Organize “Tool Box Talks”, “Safety Briefings” before practical classes.*
- **The suggestive activities for OHAS are given below:**

S. N.	Environmental Aspect	Activities to be executed
1	Laboratory Safety	Laboratory Safety Audit
2	Fire Safety	Fire Safety Audit of the Campus (covering all classrooms, laboratories, hostels and canteens)
		Purchase of Fire safety apparatus: extinguishers, risers, hooters and alarms or refilling of fire extinguishers
		Fire Signages
3	Occupational Health and Safety	OHS Audit in Laboratory
		Procurement of OHS tool boxes, safety briefings, etc. for the laboratory

- **Mr. Yatindra Kumar Shrivastava**, Industrialist & Employer members of IQAC, has expressed his willingness to be a part of OHAS audit of the Institute as expert/consultant; this audit will take 3 days or one week duration.

Item-4	<p>To review the status of research and publications in the institute</p> <ul style="list-style-type: none"> ➤ The house appreciated the participation of faculty and students in research and development activities. The institute has been constantly encouraging faculty members to publish good quality research papers, in standard indexed journals. Following participation in R&D activities are reported so far: <ul style="list-style-type: none"> - <i>The number of SCI, SCIE and Scopus indexed publications: 10 (so far reported)</i> - <i>The number of Faculty members presented papers in Standard International Conferences, attended research domain trainings/workshops within India: 350</i> - <i>Students presented papers in Standard Conferences, Seminars and attended completions on innovations theme within India: 50</i>
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Item-5	<p>To appraise about selection of eleven proposals under Collaborative Research Scheme (CRS) for faculty engaged under TEQIP-III Government of India for financial assistance</p> <ul style="list-style-type: none"> ➤ To house appreciated the selection of eleven proposals under Collaborative Research Scheme (CRS) for faculty engaged under TEQIP-III Government of India for financial assistance. ➤ CRS is launched by the National Programme implementation Unit (NPIU) to provide research grant for young TEQIP faculty members recruited in different TEQIP funded institutes so as to collaborate for research and build research community among TEQIP Faculty, Regular faculty of Project institutions (focus and non-focus) & Premier institutions of the country ➤ In the previous meeting the list of total 32 proposals submitted to for financial assistance of Rs. 6,14,94,755 under the Collaborative Research Scheme (CRS) was presented ➤ Out of these 32 proposals, till date following eleven proposals worth Rs 1,53,16,000/-have been accepted by the NPIU.
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S. No.	Title of the proposal	PI	Department	Approved Budget (Rs.)
1.	Health monitoring with energy conservation of ring frame 3 phase induction motor (RFTPIM) in textile industries using soft computing techniques	Mr. Sourabh Kumar Rajput	Electrical Engineering	13,77,000
2.	Design and Development of Portable Gnathodynamometer	Mr. Neeraj Mishra	Mechanical Engineering	14,64,000
3.	3D Modelling & Finite Element Analysis of Bio structure from CT Scan & MRI Data	Dr Dharmendra Jain	Mechanical Engineering	17,35,000

4.	Deciphering the comprehensive metabolic profiling from plant cell cultures of Pennisetum glaucum	Dr. Radhika, R	Biotechnology	19,64,000
5.	Analysis and control of noise pollution in hospitals	Dr. Naresh K. Raghuvanshi	Mechanical Engineering	21,83,000
6.	Performance Enhancement of solar Distillation system using Nanoparticles	Dr Amrat Kumar Dhamneya	Mechanical Engineering	12,90,000
7.	Cognitive Literary Studies for the Progress of Computational Cognitive Modelling	Dr Valuiur Rehaman	Dept of Humanities	7,16,000
8.	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model	Dr. Pankaj Kumar	Civil Engineering	10,58,000
9.	The three-dimensional approach in joint replacement technique to aid the orthopaedic surgeons	Ms. Punjan Dohare	Electrical Engineering	14,87,000
10.	Impact of renewable energy source integration on power system inertia: challenges and solutions	Ms. Bhavna Rathore	Electrical Engineering	11,57,000
11.	Synergic App Framework for Analysis and Detection of Information Leakage in Smartphones Applications	Mr. Rati Bhan	CSE and IT	8,85,000
TOTAL				1,53,16,000/-

Item-6	<p>To review the major quality enhancement initiatives undertaken during the session along with their impact</p> <ul style="list-style-type: none"> ➤ The house reviewed the various initiatives taken to improve the Academics, Research, Infrastructure development for the quality enhancement, following are the key activities undertaken during the academic year 2018-19: ➤ Initiatives taken for improving Academics, Research & Development: <ul style="list-style-type: none"> - The practice of departmental progress review was started this year to monitor & to improve the departmental preparedness for accreditation and commitment towards quality; on 30th March, 2019 a presentation was given by the Heads of the Department which was reviewed by the Hon'ble Chairman of HR Prof. K.K. Aggarwal and board members Shri Prashant Mehta and Er Ramesh Agrawal. - Initiative taken to establish the culture of self learning: The institute NPTEL chapter since its establishment is continuously securing position in the top 100 active chapters of the country; the MITS chapter ranked 46th in Jan-June 2019 session, among 2400+ active local chapters of the country {Improved from 89th in Jan-June 2018}. - Conduction of Value Added Courses to enhance the employability of the students. - The institute was registered under the newly started National Doctoral Fellowship (NDF) programme last year. This year again interviews for applicants were conducted on 21st June 2019 and total 47 candidates were interviewed. {CSE-11, Mechanical-12, Electrical-09, Civil-14 &
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Architecture-01}

- Number of faculty members sent for attending training programmes/workshops/conferences etc: 429
 - Number of academic activities conducted for faculty members of parent/other institutions (Training programmes, workshops, seminars and conferences): 26
 - Experts invited for training faculty members under the Quality Improvement Programmes:49
 - Number of expert lectures by invited industry experts: 33
 - Staff sent for attending training: 42
 - Number of papers accepted/presented/published in conferences: 28
 - Industry conclave organized for the students on 12th April 2019
 - Industry visits for students of core branches: 14 visits
 - Participation of Students in Conference, Workshops: 50 students
 - Activities organized by training & placement cell: 14 Activities
- **Initiatives taken for improving Infrastructure**
 - Phase II of the Boy's Hostel structure has been completed upto II level and expected to complete as per schedule.
 - Academic Block – Tenders are finalized and work order has issued. However due to low soil bearing capacity (i.e., 06 to 09 T), the structure details were discussed with M/s. KALP Limited and it was decided to have basement and raft foundations at the depth of 4.5 to 5.0 meters. Site clearance and excavation work has started.
 - Till date the retrofitting and interiors of 06 Nos. of Smart Class Rooms has been completed. The retrofitting and interiors of Seventh Smart Class room is under progress.
 - Digital Library has been established with 30 nodes within the existing Library building and Infrastructure of Library has been upgraded.
 - One Digital Studio has been Retrofitted and developed in the Department of Architecture.
 - MOOCs Development Centre work is going on and will be commissioned by August 2019.
 - Landscaping work around the Canteen area is completed.
 - Infrastructure renovation of Guest House is completed.
 - Water proofing of Library and General Office of the Institute is completed.
 - Work of Synthetic Basket Ball Court is completed.
 - The Improving classroom infrastructure is under progress.
 - The Modernizing labs and improving their ambience is under progress.

Item-7

To Table and take into cognizance the annual TEQIP-III report

- The house reviewed the annual TEQIP-III report activities as Institute is selected under component-1.1 of TEQIP-III on the basis of performance & meeting (progressively) the enabling mechanisms and based on meeting minimum standards in quality of Institutional Development Proposals (IDP). Institute has defined the activities in IDP to carry out in the project under the scope of the project and are those that fulfil the objectives of the project.

A annual report of the activities conducted under the following scope of the project are tabled as "TEQIP-III report":

 - Procurement of Goods (equipment, furniture, books LRs, software and minor items) and minor civil works.
 - Improvement in Teaching, Learning and Research competence.
 - Improve student learning
 - Student employability
 - Increasing faculty productivity and motivation
 - Establishing a twinning system
 - Twinning arrangements with high performing institutions under Sub-component 1.3 to build

- capacity and improved performance
- o Engagement and retention of high quality faculty.

Item-8 To review the SIP-I & SIP-II reports and summary of module feedback

- The house reviewed the feedback reports of summer internships I & II conducted in June 2019 as tabled. The cognizance of comments of students was also taken.
- **The alumni/entrepreneur member Mr. Ashutosh Chincholikar has also emphasised the need of AI Engine/data analysis engine as Institute has implemented 10 different feedback systems, and there is a need to analyse the bulk and useful information.**

Item-9 To discuss the impact of on-line faculty feedback and action taken

- The house reviewed and appreciated the mechanism for corrective actions and appreciation on feedback received from students for the improvement of quality in teaching & learning.
- In view of guidelines of regularity and quality Assurance bodies, institute has implemented the feedback system for quality assurance and satisfaction of stock holders.
- The thirteen points student feedback was collected two times during the semester (Jan-19 to June, 19) on the basis of feedback the Faculty Feedback Index (FFI) is calculated on a scale of 5.
- In compliance to the guidelines given by the House in its previous meetings,
 - (i) an appreciation letter will be issued to faculty members who have scored more than 4 (61 faculty members)
 - (ii) Faculty members who have scored less than 3 will also be intimated and asked to improve their performance(17 faculty members)

The department wise details for January 2019 to June 2019 semester are as follows:

S. No.	Department	Appreciation	Improvement Required
1.	Civil Engineering	07	00
2.	Mechanical Engineering	08	03
3.	Automobile Engineering	03	--
4.	Electrical Engineering	03	--
5.	Electronics Engineering	09	01
6.	Electronics & Tele Communication Engineering	04	01
7.	Computer Science & Engineering	03	06
8.	Information Technology	03	01
9.	MCA	05	--
10.	Chemical Engineering	07	01
11.	Humanities	01	--
12.	Applied Science	08	04
	Total	61	17

Item-10 To appraise about the participation of faculty in Annual Refresher Programmes in Teaching (ARPIT) Certificate Courses during Feb- May 2019

- The house recognized and appreciated the active participation of faculty members in ARPIT course, The Annual Refresher Programme in Teaching (ARPIT) on 13th November **was launched** by Ministry of Human Resource Development [MHRD], Govt. of India, New Delhi, , a major and unique initiative towards online professional development of 1.5 million higher education faculty using the MOOCs platform SWAYAM.
- ARPIT is one such initiative which aims to enhance the professional skills of faculty by way of online courses in various disciplines developed by the domain experts. These kinds of ARPIT online courses which will be helpful not only for keeping themselves abreast of latest development in their disciplines but also for aiding them in their career progression.
- Almost all Faculty members of MITS, had enrolled for Annual Refresher Online Course already available on SWAYAM Portal i.e. **Fundamentals of Outcome-based Curriculum in Engineering Education.**
- Total 15 faculty members were registered for proctored exam of ARPIT course and out of 15 faculty, following 12 faculty members have qualified (marks >50%) the certificate course:

Qualified for Certificate				
S. No	Name of the faculty member		Department	Score
1.	Dr. P. K. Singhal	Professor	Electronics Engineering	71
2.	Dr. Sulochana Wadhvani	Professor	Electrical Engineering	86
3.	Dr. Pratesh Jayaswal	Professor	Mechanical Engineering	69
4.	Dr. Laxmi Shrivastava	Associate Professor	Electronics Engineering	63
5.	Dr. Vandana Vikas Thakre	Associate Professor	Electronics Engineering	77
6.	Dr. Anjali Shelke Patil	Assistant Professor	Architecture	76
7.	Dr. Sunita Sharma	Assistant Professor	Biotechnology	76
8.	Prof. Punit K. Johari	Assistant Professor	Computer Science & Engineering	55
9.	Dr. Karuna Markam	Assistant Professor	Electronics Engineering	61
10.	Prof. Deep Kishore Parsediya	Assistant Professor	Electronics Engineering	61
11.	Prof. Pooja Sahu	Assistant Professor	Electronics Engineering	63
12.	Prof. Parul Saxena	Assistant Professor	Computer Applications	60

Item-11	<p>To discuss the exit survey report of outgoing batch</p> <ul style="list-style-type: none"> ➤ The house reviewed the exit survey report collected so far for 752 responses as tabled however the final compiled and completed version will be presented in the next meeting. ➤ House, recognized the need for continuous up-gradation & modernization of classrooms and other infrastructure as per students feed-back. ➤ The house also suggested for trend analysis of data collected during exit survey for better analysis of impact of quality initiatives in the institute.
Item-12	<p>To apprise the House about conduction of AICTE sponsored International Conference on 02-03 November, 2019</p> <ul style="list-style-type: none"> ➤ The house appraised the planning & preparation status of AICTE sponsored International conference, which Institute is going to conduct as first interdisciplinary international conference on 2nd & 3rd November 2019; the detailed are: <ul style="list-style-type: none"> Title: Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology Proposed Dates: November 02-03, 2019 Sponsors: All India Council for technical Education, (AICTE), New Delhi, & TEQIP-III Collaborators: Delhi Technological University, Delhi Website: Website: http://icsiscet.mitsgwalior.in <p>Extended versions of selected/registered/presented papers from the conference are invited for review and potential publication in</p> <ol style="list-style-type: none"> (1) Edited Volume on “Advances in intelligent computing and sustainable engineering systems and practices”, AIS Series, Springer (2) International Journal of Ambient Computing and Intelligence (IJACI), IGI, Global (3) International Journal of Rough Sets and Data Analysis (IJRSDA), IGI, Global (4) Special Issue of International Journal of Design Engineering, Inderscience on “Advanced design and manufacturing practices” Guest editors: Dr. R.V. Rao, NIT Surat & Dr. Pratesh Jayaswal, MITS, Gwalior (5) Special Issue of International Journal of Sustainable Design, Inderscience, on “Smart solutions for sustainable development and design” Guest editors: Dr. R.K. Pandit & Dr. Manoj Gaur, MITS, Gwalior (6) Special Issue of International Journal of Smart Grid and Green Communications, Inderscience, on “Networked Communication & Computing Technology” Guest editors: Dr. Amritanshu Pande, IIIT, Allahabad & Dr. Harimohan Dubey, MITS, Gwalior

(7) Special Issue of

International Journal of swarm intelligence, Inderscience on

“Solutions of real-world problems using state-of-the-art computational intelligence and machine learning tools”

Guest editors: Dr. Manjaree Pandit & Dr. Laxmi Srivastava, MITS, Gwalior

Efforts are on to associate with more journals of other tracks too.

Item-13 To apprise the House about NSS activities

➤ The house appraised the status of various National Service Scheme Activities during Academic Year 2018-19, following activities were conducted under NSS during the academic year:

1) Plantation Programme:

National Service Scheme, MITS unit and CSE & IT department organised the plantation programme on **15/08/2018**. The volunteers of NSS unit, MITS planted the 50 sibling in the institute campus. NSS again organised the plantation programme with first year students during their orientation programme on **25/08/2018** and plant the 90 sibling.

2) Motivation Lecture on Eye Donation

National Service Scheme, MITS and Bio Technology department organized a motivation Lecture on Eye Donation. Dr Manav Setiya, Jivan Jyoti Netralaya was deliver the expert talk on **22/09/2018** and 120 volunteers were participated.

3) Rally on Swachhhata Pakhawada:

National Service Scheme, MITS unit and Electronics Engineering Department organised a rally during “Swachhhata Pakhawada” for protest the use of polythene on **23/09/2018** from MITS to Moorar Chauraha and 287 students/ volunteers of NSS unit MITS with programme officer were participated in this event.

4) NSS Day:

National Service unit MITS organized a cultural programme (Dance, Poetry, Music and Nukkad Natak with social Messages) on NSS Day i.e. **24/09/2018** under National Service Scheme Unit. 318 volunteers were presented and participated

5) One Day Camp:

National Service Scheme unit, MITS, Red Ribbon Club and MCA department were organized One Day Camp at “आत्म ज्योति आवासीय दृष्टि हीन कन्या विद्यालय, मुरार, ग्वालियर” on **29/09/2018**. 48 volunteers were participated.

6) Blood Donation Camp:

NSS unit and Red Ribbon Club, MITS organized the blood donation camp on occasion of the Punya-Tithi of Late His Highness Shrimant Madhav Rao Scindia (30th September 2018). 136 units were donated to Red Cross society.

7) Swachhhaya Bharat Abhiyan Rally:

National Service Scheme unit, MITS and Electrical Engineering department organized a rally on occasion of Gandhi Jayanti on Swachhhaya Bharat from MITS to 7 No Chauraha and take the “Swachhhata Shapath” with 244 students on **02/10/2018**.

8) Literacy cum Awareness Programme:

The N.S.S. unit is continuously running literacy cum awareness programme for the underprivileged children in the institute premises since year 2011. During the academic year 2018-19, Thirty Five NSS volunteers started to teach the underprivileged children from **16/08/2018** on regular basis (Monday to Friday) at 4:30 P.M. to 6:30 P.M.

- 9) **Health Awareness and Check-up Camp:**
National Service Scheme unit MITS and Civil Engineering Department organised the health check-up and health awareness camp on **07/10/2018**. Dr Shikha Kushwaha Dietician, BIMR hospital check the body mass index of students and deliver a lecture on health. 150 volunteers were participated.
- 10) **Dental Camp:**
National Service Scheme unit MITS, Red Ribbon Club and Mechanical Engineering Department organised the Dental check-up and health awareness camp on **27/10/2018**. Dr Alok Purohit and his team check the dent and aware us. 150 volunteers were participated.
- 11) **National Youth Day Rally**
NSS unit MITS participated in a rally on national youth day i.e. 12/01/2019 from Jiwaji university to Vivekananda Needam organized by NSS Jiwaji University. Sixteen volunteers with NSS Program Officer and Prof Amit Aherwar were participated.
- 12) **National Youth Parliament:**
NSS unit MITS participated in national youth parliament on 24/01/2019 at Madhav College Gwalior. Three volunteers were participated.
- 13) **Traffic Awareness Programme:**
NSS unit organized a seminar on “Traffic Awareness” Programme on 03/02/2019. Fifty Five students were participated in this event. This event organized by 2nd year students of Chemical Engineering under the supervision of Prof Swati Gupta and NSS Programm Officer.
- 14) **Awareness Program on Engineering/ Technical Education:**
NSS unit organized one day camp for awareness program on engineering education at Shaskeeya High School, Jamaahar Gaon on 16/02/2019. In this programme volunteers aware them about procedure of admission in Engineering/ Technical education, career opportunities in this field, preparation for entrance exam like IIT-JEE etc. Twenty Eight students were participated in this event. This event organized by 2nd year students of Electronics Engineering under the supervision of Prof Pooja Sahu, Jagdish Agrawal, principal and NSS Programm Officer.
- 15) **One Day Camp for Distribution of Stationary:**
NSS unit and electronics department organized one day camp at Amar Jyoti School & Rehabilitation Centre, Near IT Park, Malanpur on 23/02/2019 for distributing of stationary, fruits etc. Forty one students and faculty members were participated in this event. This event organized by 2nd year students of Electronics Telecommunication Engineering under the supervision of Prof Pooja Sahu, Deepkisor Parsetia, Madhav Singh etc. and NSS Programm Officer.
- 16) **Environmental Awareness Programme:**
NSS unit organized a awareness program on environment on 24/02/2019. Thirty Five students were participated in this event. This event organized by 2nd year students of Civil Engineering under the supervision of Prof Deepak Rastogi and NSS Programm Officer.
- 17) **Prerna Samvand at LNIP:**
NSS unit MITS participated in “Prerna Samvand” on 25/02/2019 at LNLIP College Gwalior. Twenty Four students were participated in this event under the supervision of Prof Deep Kishor Parsetia and NSS Programm Officer.
- 18) **Matdata Jagrukta:**
NSS unit organized a Matdata Jagrukta program on 27/02/2019 at student activity centre. Fifty Two students were participated in this event under the supervision of Prof Deep Kishor Parsetia and NSS Programm Officer.
- 19) **Donation of Drawing Sheet:**
NSS unit and **CSE&IT Department** organized a donation of rough drawing sheet at aatmjyoti Avasiya Drashtiheen Kanya Vidhyalay on 02/03/2019. Fifty Two students were participated in this

event under the supervision of Prof Khushboo Agrawal, Prof Jamvant Kumare and NSS Programme Officer.

20) Rally on AIDS Awareness:

NSS unit, Red Ribbon Club and **Electronics Department** organized a rally on AIDS awareness from MITS to Morar Chauraha and return back on 02/03/2019. 155 students were participated in this event under the supervision of Prof Pooja Sahu, Madhav Singh, Deep Kishor Parsendia and NSS Programme Officer.

21) Gender Equality on Mahila Diwas:

NSS unit, Red Ribbon Club and **Mechanical Engineering Department** a programme on gender equality on occasion of mahila diwas along with Family planning association of India on 08/03/2019 and 25 students were participated in this event.

22) Anti Tabacoo Seminar:

NSS, Red Ribbon Club, **Mechanical and Electronics Department** organized a programme on 'Anti Tabacoo' on 09/03/2019 and 120 students were present in this event under the supervision of Prof Amit Aherwar and Prof Pooja Sahu.

Item-14 To review the sports activities and achievements

- The house reviewed the status of participation of students in sports activities & Achievements during the year 2018-19, following are the students achievements during the year 2018-19:

S.No.	Name of Activity	Date	Activity Detail in Brief	Number of Student Participate/ Team Participated in Tournament	Level of Activity	Achievements. If any
01	Inter-Collegiate Volleyball (Boy's) Tournament	21.10.2018-22.010.2018	Tournament organized in RJIT, Tekan pur, Gwalior, M.P.	12	Gwalior Nodal	Winner
02	Inter-Collegiate Volleyball (Girl's) Tournament	21.10.2018-22.010.2018	Tournament organized in RJIT, Tekan pur, Gwalior, M.P.	12	Gwalior Nodal	Winner
03	Inter-Collegiate Badminton (Boy's) Tournament	27.09.2018 to 28.09.2018.	Tournament organized in IPS, College, Gwalior, M.P.	05	Gwalior Nodal	Winner
04	Inter-Collegiate Badminton (Girl's) Tournament	27.09.2018 to 28.09.2018.	Tournament organized in IPS, College, Gwalior, M.P. Tournament	05	Gwalior Nodal	Winner

05	Inter-Collegiate Football (Boy's) Tournament	07.10.2018 to 8.10.2018	Tournament organized in SRCEM, Banmore Distric Morena, M.P.	16	Gwalior Nodal	Winner
06	Inter-Collegiate Chess Tournament	22.10.2018 to 23.10.2018	Tournament organized in BITS,Gwalior, M.P.	05	Gwalior Nodal	Runners-up
07	Inter-Collegiate Table Tennis (Boy's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM ,Gwalior, M.P.	05	Gwalior Nodal	Winner
08	Inter-Collegiate Table Tennis (Girl's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM ,Gwalior, M.P.	05	Gwalior Nodal	Winner
09	Inter-Collegiate Basket Ball(Boy's) Tournament	02.-10.2018-04.10.2018	Tournament organized in MITS ,Gwalior, M.P. 08 number of Term Participated	96	Gwalior Nodal	Runners-up
10	Inter-Collegiate Basket Ball Table Tennis (Girl's) Tournament	02.-10.2018-04.10.2018.	Tournament organized in MITS ,Gwalior, M.P. 05 number of Term Participated	60	Gwalior Nodal	Winner
11.	Inter Nodal level Basket Ball (Girl's) Tournament	09.10.2018	Tournament organized in MITS ,Gwalior, M.P. 07 number of Term Participated	84	State level	Participated
12.	Inter Nodal level Basket Ball (Boy's) Tournament	09.10.2018	MITS ,Gwalior, M.P. 07 number of Term Participated	84	State level	Runners-up
13	H.H. Shrimant Madhav Rao Scindia Memorial Cricket Tournament	04.0.03.2019-10.03.2019	Tournament organized in MITS ,Gwalior, M.P. 09 number of Term Participated	144	National level	Participated

Item-15	To appraise about the house about Routine Activity & Result analysis.		
	➤ The house appraised the following status of routine activities during the Jan. - June 2019 session:		
	S. No.	Activity	Time lines/ upper limits
	1.	Upload the question paper on website	After examination
	2.	Sending TR to the departments (Hard copies)	After the main result declaration
3.	Roll list to the departments	Within a week after the main result declaration (to be sent in	
			Status/ Actions Taken
			Yes , question papers were uploaded on MOODLE
			Yes, TR was sent after the main result declaration
			Yes , soft copy of roll list was sent to HOD IMS login after

		soft copy electronically)	the main result declaration
4	List of backlog students (subject wise for remedial classes)	Within a week after the main result declaration (to be sent in soft copy electronically)	In Process
5.	Result summary (Branch / Semester Wise)	Within two week after the main result declaration	Yes, See Annexure I
6.	Result summary (Branch / Course Wise)	Within two week after the main result declaration	Yes, See Annexure II
7.	Annual Success Index, with and without backlog (separately for each UG program of the department)	Within two week after the main result declaration	In Process
8.	Academic Performance Index in second year	Within two week after the main result declaration	In Process

➤ The house appraised the following Result Analysis Report for June 2018 & June 2019 examination:

Program : B.Tech. (Ist Year)

Semester : 2

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Automobile Engineering	61	48	78%	61	34	55.74%
2.	Biotechnology	11	8	72%	20	16	80.00%
3.	Civil Engineering	121	90	74%	120	83	69.17%
4.	Chemical Engineering	58	49	84%	57	50	87.72%
5.	Computer Science & Engineering	120	102	85%	125	94	75.20%
6.	Electronics Engineering	124	111	89%	123	92	74.80%
7.	Electrical Engineering	128	107	83%	119	83	69.75%
8.	Electronics & Telecommunication Engineering	63	52	82%	60	42	70.00%
9.	Information Technology	62	54	87%	62	50	80.65%
10.	Mechanical Engineering	125	107	85%	117	101	86.32%
Overall %		873	728	83%	864	645	74.65%

Program : B.Tech.(IInd Year)

Semester : 4

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Automobile Engineering	55	32	58%	78	46	58.97%
2.	Biotechnology	4	4	100%	9	7	77.78%
3.	Civil Engineering	141	97	68%	152	117	76.97%
4.	Chemical Engineering	51	42	82%	61	49	80.33%
5.	Computer Science & Engineering	146	130	89%	152	110	72.37%
6.	Electronics Engineering	131	114	87%	159	125	78.62%
7.	Electrical Engineering	137	107	78%	159	122	76.73%
8.	Electronics & Telecommunication Engineering	62	53	85%	54	40	74.07%
9.	Information Technology	69	62	89%	76	58	76.32%
10.	Mechanical Engineering	136	96	70%	149	118	79.19%
Overall %		932	737	79%	1049	792	75.50%

Program : B.E. (IIIrd Year)

Semester : 6

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Automobile Engineering	64	49	79%	59	54	91.53%
2.	Biotechnology	9	9	100%	7	7	100.00%
3.	Civil Engineering	137	119	86%	140	113	80.71%
4.	Chemical Engineering	53	51	96%	53	51	96.23%
5.	Computer Science & Engineering	149	129	86%	131	122	93.13%
6.	Electronics Engineering	139	122	87%	122	93	76.23%
7.	Electrical Engineering	143	117	81%	125	101	80.80%
8.	Electronics & Telecommunication Engineering	46	35	76%	57	46	80.70%
9.	Information Technology	70	64	91%	66	61	92.42%
10.	Mechanical Engineering	137	121	88%	134	127	94.78%
	Overall %	947	816	86%	894	775	86.69%

Program : B.E. (VIIIth Year)

Semester : 8

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Automobile Engineering	58	58	100%			
2.	Biotechnology	7	7	100%	17	17	100.00%
3.	Civil Engineering	136	131	96%	133	124	93%
4.	Chemical Engineering	53	52	98%	57	56	98%
5.	Computer Science & Engineering	130	123	94%	125	121	96%
6.	Electronics Engineering	123	118	95%	130	119	91%
7.	Electrical Engineering	124	124	100%	135	130	96%
8.	Electronics & Telecommunication Engineering	57	57	100%			
9.	Information Technology	65	59	90%	70	67	95%
10.	Mechanical Engineering	133	130	97%	128	123	96%
	Overall %	886	859	86%	795	757	95%

Program : B.Arch. (Ist Year)

Semester : 2

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Architecture	36	35	97%	41	40	97.56%
	Overall %	36	35	97%	41	40	97.56%

Program : B.Arch. (IInd Year)

Semester : 4

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Architecture	40	35	87%	39	37	94.87%
	Overall %	40	35	87%	39	37	94.87%

Program : B.Arch. (IIIrd Year)**Semester : 6**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Architecture	40	37	92%	30	30	100.00%
Overall %		40	37	92%	30	30	100.00%

Program : B.Arch. (IVth Year)**Semester : 8**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Architecture	29	29	100%	41	40	97.56%
Overall %		29	29	100%	41	40	97.56%

Program : B.Arch. (Final Year)**Semester : 10**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Architecture	40	40	100%	37	37	100.00%
Overall %		40	40	100%	37	37	100.00%

Program : MUP (Ist Year)**Semester : 2**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Master Of Urban Planning	15	14	93%	17	17	100.00%
Overall %		15	14	93%	17	17	100.00%

Program : M.E. (Ist Year)**Semester : 2**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Construction Technology & Management	24	23	95%	25	15	60.00%
2.	Communication Control & Networking	5	5	100%	20	14	70.00%
3.	Industrial Systems & Drives	7	5	71%	8	6	75.00%
4.	Structural Engineering				7	6	85.71%
Overall %		36	33	91.66%	60	41	68.33%

Program : M.TECH. (Ist Year)**Semester : 2**

Sr. No.	Course Name	Appeared 2019	Pass	Percentage	Appeared 2018	Pass	Percentage
1.	Environmental Engineering	6	6	100%	19	10	52.63%

2.	Computer Science & Engineering	17	13	76%	4	4	100.00%
3.	Microwave Engineering	5	4	80%	9	6	66.67%
4.	Production Engineering	11	11	100%	5	4	80.00%
5.	Information Technology				14	9	64.29%
6.	Production Engineering				12	10	83.33%
Overall %		36	33	91.66%	63	43	69.51%

Program : MCA (Ist Year)

Semester : 2

Sr. No.	Course Name	Appeared	Pass	Percentage
1.	Master In Computer Application	25	22	88%
Overall %		25	22	88%

Program : MCA (IInd Year)

Semester : 4

Sr. No.	Course Name	Appeared	Pass	Percentage
1.	Master In Computer Application	64	53	82%
Overall %		64	53	82%

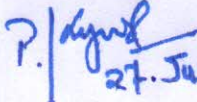
Program : MCA ((IIIrd Year)

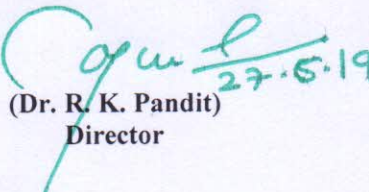
Semester : 6

Sr. No.	Course Name	Appeared	Pass	Percentage
1.	Master In Computer Application	60	60	100%
Overall %		60	60	100%

Item-16 Other miscellaneous issues

- The alumni/entrepreneur member **Mr. Ashutosh Chincholikar** and **Mr. Yatindra Kumar Shrivastava, Industrialist & Employer** members of IQAC appreciated the simple and effective models developed for handling of huge data excellently through the Institute MOODLE and Google tools.
- Moreover, the numerical analysis of this data conducted by the institute faculty & staff has been able to give an insight into the academic practices and systems and pointers for improvement/encouragement have been drawn.
- Looking at this, it was suggested that the Institute can provide expertise/consultancy in data analysis to other Industries/organizations using the models which have been developed and tested here effectively.
- The members also suggested for calendar invites regarding IQAC meetings to the members of IQAC for convenience.


 27. June 2019
 (Dr. Pratesh Jayaswal)
 Coordinator-IQAC


 27.6.19
 (Dr. R. K. Pandit)
 Director