

Minutes of the 4th Meeting of IQAC

Fourth meeting of Internal Quality Assurance Cell (IQAC) was held on April 25, 2019 at 04.00 PM in the Board Room of JUET, Guna.

1. The meeting was attended by the following:

Prof. J. S. P. Rai, Vice Chancellor, JUET, Guna	Chairman
Shri D.K. Jain, GM (HR), GAIL,, Vijaypur, Guna	External Member
Prof. P. K. Singh, HOD CHE &CHY, JUET, Guna	Member
Prof. P.K. Mishra, HOD (MEC), JUET, Guna	Member
Prof. Vipin Tyagi, Head (FMS) & HOD (Mathematics)	Member
Dr. Narendra Singh, HOD (ECE) JUET, Guna	Member
Dr. Rajneesh Atre, HOD (Physics) JUET, Guna	Member
Dr. Sumit Gandhi, HOD (CE), JUET, Guna	Member
Dr. Sandeep Srivastava, HOD (HSS), JUET, Guna	Member
Dr. Rashmi Tyagi (Associate Professor, Chemistry), JUET, Guna	Member
Dr. Nileshkumar R. Patel, JUET, Guna	Member
Dr. Sudeep Sharma, Incharge, JUET, Guna	Member
Shri V.C. Pandey (CFAO) JUET, Guna	Special Invitee
Prof. Shishir Kumar, HOD (CSE) and Acting Dean (A&R),	Member Secretary

Leave of absence was recorded for-

Brig. S. K. S. Negi (Retd.), Dean (SW) & Registrar, JUET, Guna	Member
Shri R.C. Gupta, Project Director, NHAI	External Member
Smt. Hemlata Sharma, Janpad Circle Officer, Raghogarh	External Member
Shri. Aditya Kumar Shrivastava, DGM, ACC Cement (Tikaria)	External Member

2. IQAC expressed its gratitude to the ex-members for their valuable contribution to the University –
Shri S.C. Shukla, CGM, National Fertilizer Limited, Vijaypur, Guna
Shri S.C. Upadhyay, DGM, National Fertilizer Limited, Vijaypur, Guna
Shri B.P. Gupta, Project Director, NHAI, Guna-Shivpuri Section Office
3. Welcome notes expressed for new members
Shri. D.K. Jain, General Manager (HR), GAIL, Vijaypur
Shri R.C. Gupta, Project Director, NHAI, Guna-Shivpuri Section Office
4. **Confirmation of minutes of 3rd IQAC meeting held on Wednesday, May 30, 2018** - Minutes of the 3rd IQAC meeting held on May 30, 2018 read and confirmed with consent of all.
5. **Following agenda points were discussed and reported :-**
- (a) **Submission of Annual Quality Assurance Report to NAAC office** – Status of Annual Quality Assurance Report (AQAR) for the period 2017-18 was reported. It was submitted to NAAC through online mode on October 10, 2018. Its copy was uploaded on the University website. This AQAR was ratified by Academic Council and BOM in its last meetings held on November 01, 2018.
- (b) **New B.Tech Curriculum with Minor Specializations-** Approval of new curriculum (as per guidelines of AICTE) by Academic Council was reported. It is being implemented from B.Tech batch admitted in 2018. Its key features are
- Option for Honors degree with 20 additional credits
 - Minor Specialization with 20 additional credits

- Interdisciplinary Minor Specializations
- Foreign Language
- Value added courses

(c) University Recognitions/Collaborations

- JUET, Guna was awarded as 'Utkrisht Vishva Vidhyalaya' by Madhya Pradesh Private University Regulatory Commission to celebrate its 10th anniversary of establishment on 20 October 20, 2018.
- Academic Association with Amazon Web Services (AWS) from July, 2018
- Approved as Remote Center of National Mission on Education through ICT Program (MHRD, Govt. of India), conducted by consortium of IITs , coordinated by IIT Bombay
- Collaboration with Virtual Lab, IIT Delhi to establish Nodal Center at JUET
- Based on CodeChef Coding Platform for Long Challenges JUET is ranked 34th in India by www.scriptguru.com (as on 31st December 2018)
- Ranked as 65th in GLOBAL ranking – HackerRank University CodeSprint-4 (as on February, 2018). This event not held in 2019 till date.
- Cisco Academy established in December 2018 First batch is registered and continuing with program

(d) MOUs with other Organizations-

- MOU signed with MNNIT, Allahabad, on August 16, 2018

(e) Visits of prominent dignitaries for beyond syllabus discussions to face competition-

Visits of thirteen prominent dignitaries for beyond syllabus discussions were conducted. List of visitors is attached at Annexure - 1.

(f) Visits of experts for beyond syllabus discussions

- Mr. Jitendra Tiwari, Made Easy Coaching Institute, delivered a talk on career aspects after B.Tech. - August 22, 2018
- Mr. Sunil Gupta, Centre Director, IMS Learning Resource visited JUET to deliver talk on synergies of technology and management 29th August, 2018
- Mr. Siddharth Jain and Mr. Piyush Vats, Centre Director Career Launcher visited JUET to deliver talk on Career opportunities for Engineers on 14th September, 2018
- Mr. Sumit Gulati, Sr. Software Developer, Amazon, delivered a talk to prepare B.Tech (CSE) final year students for recruitment process of AY 2018-19 - October 6-8, 2018
- Mr. Rajeev Kapoor IAS, State Govt. UP, Ex. Director, IAS Academy, Mussoorie; visited JUET to deliver talk on “Way to success, Emotional Intelligence and importance of hard work” on October 08, 2018

(g) Invited Expert Lectures @ other Institutions

- Dr. Sandeep Srivastava, ‘Creative teaching and learning strategies’ FDP on “Pedagogical approaches in STEM” BIET, Jhansi, October 08, 2018.
- Dr. Prateek Pandey “Machine Intelligence and Applications”, Chameli Devi Institute, Indore under TEQUIP_III on October 24, 2018.
- Prof. Vipin Tyagi delivered a talk through Skype in an International Conference on Engineering , Technology and Management for Sustainable Development ICETMSD-2018 held at DBGI, Dehradun (UK) on October 27, 2018.
- Prof. Shishir Kumar “Web Engineering: Advancements and Trends” 7th International Conference on System Modeling and Advancement in Research Trends (SMART-2018), Tirthankar Mahavir University, Moradabad, November 23-24, 2018.

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(h) Meeting of University Academic/Management Meetings-

- Ninth meeting of Academic Council held on November 01, 2018.
- Fifteenth Meeting of Board of Management held on November 01, 2018.
- Details of BOS meetings are mentioned below-

BOS of Department	Date
Faculty of Mathematics Sciences	May 29, 2018
Civil Engineering	July 14, 2018
Computer Science & Engineering	July 17, 2018
Chemical Engineering & Chemistry	July 17, 2018
Electronics & Communication Engineering	July 18, 2018
Mechanical Engineering	July 18, 2018
Humanities & Social Sciences	October 15, 2018

(i) Seminars/Workshops organized-

Detail of Seminars and Workshops organized during this reported period is mentioned below-

Event Details	Dates	Resource Person
CSE Department organized on "Advancements in Software Engineering"	August 13-19, 2018	Dr. Carsten Mueller
CE Department organized Workshop on "Geotechnical Investigations for Embankments"	October 27, 2018.	Sri. M.K. Acharya, Sri Yogesh Gupta
CSE Department organized FDP on "Data Structures & Algorithm"	July 10-14, 2018	Prof. Jitendara Chhabra, Prof. Ram Pathak, Prof. Akhilesh Pandey, Mr. Nitin Srivastava

(j) Other Events Organized-

Event Details	Dates
Department of Mechanical Engineering organized Zonal level competition "A World in Motion (AWIM)" National Olympics-2018 in collaboration with Mahindra & Mahindra and SAE India	November 26-27, 2018
Four days staff training program was organized for Computer Literacy, English Grammar, letter/Note drafting & formal correspondence" at JUET, Guna	December 17-18 and December 27-28, 2018.

(k) Faculty Seminars-

- Faculty seminars are re-initiated in month of September 2018.
- Every department is organizing at least one faculty seminar in every month

(l) Activities of Women Anti Harassment Cell-

- Female students addressed By Registrar and Dean (SW) on July 31, 2018 on "Women safety & security".

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(m) Publication data (From July 2018 to December 2018)

Department	SCI Indexed Publications	Scopus Indexed Publications	Conference Proceedings	Other Publications
ECE	6	0	1	1
CSE	3	6	1	1
CHEMICAL	0	0	0	0
CIVIL	0	1	1	2
MECHANICAL	9	6	0	1
CHEMISTRY	1	0	0	1
PHYSICS	0	0	0	0
MATHS	1	0	0	0
HSS	0	1	0	0
Total	20	14	3	6

(n) Interaction with Stake-holders

By Honorable Vice Chancellor:

- Interaction with all faculty members - August 31, 2018
- Interaction with all faculty members - December 10, 2018
- Teaching/ learning/ general administration.

By Registrar and Dean (SW):

- All faculty and staff members - November 25, 2018, on “Exercise of voting rights”
- All faculty and staff members- September 28, 2018 on “Benefits of Insurance/Medicaid”.
- All Day Scholars - August 20, 2018 on “Safety & security”.
- All 1st year students - July 12, 2018 in Orientation programme.

(o) Learning Resource Centre (LRC) Continuous updation of digital library

- More than 5000 on-line magazines and newspapers subscribed Magzater Digital Pvt. Ltd. Gold subscription plan.
- Two new on-line e-resources (IET Digital Library and IEEE Computer Science Digital Library) added as e-journals and on-line conference proceeding.
- LRC integrated email and SMS configuration for the Issue, Return, and Reservation and Overdue intimation of books.

(p) Alumni Achievements-

Alumni Achievements are reported and listed in Annexure -2

(q) Student's Achievements-

Student's Achievements are reported and listed in Annexure -3

(r) Student's Events @ JUET

List of events organized by students in mentioned in Annexure-4

(s) Group Insurance-

- Accidental death insurance:
One student (Satyarth Singh-161E035) benefited under this policy with ₹10 Lakhs each, during the reported period
- Students' Medicaid (For treatment of injuries due to accidents)
Six students benefited (up to ₹50,000/-)
- Faculty and Staff members covered with group Medicaid Policy (with self contribution)

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(t) Social Activities-

- Students collected and distributed clothes, toys and footwear to needy on December 20, 2018
- Amesh Vishal and team of B.Tech 3rd year CSE students, addressed group of farmers at village Awan – Organic farming and sustainable life – October 6, 2018

(u) Placement Record: B.Tech 2015-19 Batch (As on December 20, 2019)

Branch	CSE	ECE	MECH	CHEMICAL	CIVIL	TOTAL
Admitted students	225	23	82	7	70	407
Eligible students	191	19	58	6	44	318
Opted for higher studies	3	2	5	1	1	12
Interested for placement	188	17	53	5	43	306
Absolute Offers	152	9	15	4	6	186
Offers to students	201	12	18	5	6	242
% of students placed -offer wise	106.91	70.59	33.96	100.00	13.95	79.08

* Highest Package (till date): Rs.25 Lacks

(v) Ph.Ds Awarded-

Departments	Ph.Ds Awarded (Till December, 2018)
ECE	01
CSE	04
Chemical	01
Mechanical	02
Maths	02
HSS	00
Physics	00
Total:	10

(w) Patents Filed-

- Two Indian patents filed on November 22, 2018 at IPR office Mumbai-

Sacrificial Anodes For Corrosion Mitigation Of RCC Structures Using Mg-Ca-Nd Alloys
Sacrificial Anodes For Corrosion Mitigation Of RCC Structures Using Mg-Ca-Y Alloys
Investigators: Mr. Y. I. Murthy and Dr. Sumit Gandhi

(x) Proposed IPR Guidelines-

- Proposed IPR Guidelines were discussed and suggestions given by the members are recorded for further review and incorporation
- After initial approval , it will be submitted for legal wetting

(y) Establishment of New Laboratories-

- IoT Lab
- Amazon AWS - Cloud Computing Lab
- Cisco Networking LAB (Cisco Academy)

(z) Project Grants-

- MPCST project grant - ₹6.45 Lakhs –

Project titled “To Investigate calcium sulphate and silicate based scaffold useful in human anatomy and development of materials using 3D printing”

PI: Dr. Yashwant Kumar Modi

Amesh Vishal
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(aa) Submitted Research Projects Proposals

Details of Research Projects Proposals was reported and mentioned in Annexure -5

(ab) Convocation 2018-

- Reported of 3rd Convocation held on November 02, 2018 presented. In this convocation total of 1618 degrees were conferred (for batches 2016,17,18), Ph.D.- 31, M. Tech. – 44, B. Tech. - 1543
- Three Chancellor's and Fifteen Vice Chancellor's medals awarded.

(ac) Promotion and Incentives-

- Two faculty members have been promoted to Associate Professor from Assistant Professor (SG)
- Four faculty members have been promoted to Assistant Professor (SG) from Assistant Professor (G- II)
- Special Allowance II added to the salary structure of all the employees from October 2018

(ad) New Joining-

- Five new faculty members joined
- Fourteen Staff members joined

(ae) Actions to be taken further- Details of planned actions to be taken further, is discussed and pointed below-

- Efforts for improvements in admissions
- Attracting students from different states, countries and cultures
- Minor specialization for each B.Tech. Program
Details of minor Specializations to be offered from next semester for B. Tech 2018 -22 batch, is reported. Details mentioned below-

S. No.	Specialization being offered	By Department
1	Data Analytics	CSE
2	Artificial Intelligence and Machine learning	CSE
3	Embedded System	ECE
4	Industrial Automation	MECH
5	Structural Engineering	CE
6	Quantity Surveying	CE
Inter disciplinary specialization being offered		
7	HRM	HSS
8	Digital Marketing	HSS
9	Internet of Robotic Things	CSE + ECE
10	Mechatronics	ECE + MECH

- Education resource within the framework of syllabus need to be developed
- Continuous inputs from stake holders for designing curriculum
- More short time value added programs to be conducted
- Improving research environment and fund generation through extra-mural research grants and consultancy
- Improvement in consultancy work
- Industries sponsored projects
- Effective interaction in interdisciplinary areas for submitting projects to Govt. bodies
- Signing more MoUs with leading academic institutions / industries along with corporate training, consultancy and placements
- Number of papers in referred National and International journals are to be enhanced

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- Motivation to file Patents
- Participation of faculty members in FDPs, workshop and conferences to be encouraged
- Continuous updation of digital library (LRC), Library resources needs to be further augmented, more library use to be promoted.

(af) Other suggestion by the member-

- Shri D.K. Jain, GM (HR), GAIL, Vijaypur, [External Member], mentioned the possibility of collaboration with GAIL, Vijaypur for activities of Swachh Bharat Abhiyan during period of August 01-15, 2019. Dr.Sumit Gandhi is nominated for coordinating this event.
- He has also mentioned to make plan for students Industrial visit to plant of GAIL, Vijaypur'in groups of 20 students. HODs of CHE, CE, ECE and ME are advised to coordinate this activity.
- On behalf of GAIL, Vijaypur, he offered to accommodate the interested students of JUET for Industrial Training. HODs of concern department and T & P Officer are advised to do the needful at the earliest in this concern.

6. Meeting ended on a positive note with vote of thanks to chairman and all committee members.



(Prof. Shishir Kumar)

Member Secretary

Confirmed



(Prof. J. S. P. Rai)
Chairman

Visits of prominent dignitaries for beyond syllabus discussions

S.No.	Date	Name of Speaker	Designation	Organization
1	May 30, 2018	Shri S.C. Upadhyaya	DGM	NFL, Vijaypur
2	June 21-22, 2018	Prof. Sanjay Goyal	Professor and HOD (CSE)	JIIT, Noida
3	June 21-22, 2018	Prof. K. N. Srivastava	Vice Chancellor	Symbiosis University of Applied Science, Indore
4	July 10-14, 2018	Prof. Jitendara Chhabra	Professor (CSE)	NIT, Kurukshetra
5	July 10-14, 2018	Prof. Akhilesh Pandey	Chairman	MPPURC
6	July 14, 2018	Prof. Ram Pathak	Professor (Computer Science)	HSG Sagar University
7	July 14, 2018	Mr. Nitin Srivastava	Founder & Project Manager,	Velocity Software Noida
8	July 14, 2018	Mrs. Udit Negi	QA Manager	Pitney Bowes India Ltd. Noida
9	August 10-18, 2018	Dr. Carsten Mueller	Sr. Consultant	Nuremberg, Germany
10	October 27, 2018	Er. M. K. Acharya	Chief Engineer	MPRDC Bhopal
11	October 27, 2018	Shri Yougesh Gupta	General Manager	GAIL, Vijaipur
12	November 02, 2018	Prof. S.C. Saxena	Vice Chancellor	Jaypee Institute of Information Technology, Noida
13	November 18, 2018	Shri Amar Mukharjee	Sr. Quality Manager	Adobe systems , Noida
14	December 19- 20, 2018	Prof. Pratosh Bansal	Professor (IT)	IET, DAVV Indore
15	December 20, 2018	Prof. Arun Pujari	Vice Chancellor	Rajasthan Central University

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Alumni Achievements-

S.No.	Name of Alumni	Batch	Achievement
1	Mr. Priyang Pandey	2005-09	Advisor to Chief Minister at Government of Nagaland
2	Dr. Udit Jain	2006-10	Assistant Professor, VNIT Nagpur
3	Dr. Ankit Kathuria	2006-10	Assistant Professor, VNIT Nagpur
4	Mr. Astitwa Saxena	2011-15	Flying officer, Indian Air force
5	Mr. Sankalp Garg	2011-15	Information Security Analyst reporting to the Crown family of the , United Arab Emirate
6	Ms. Pooja Parwani	2011-15	CAT: 99.74 percentile, FMS Delhi
7	Mr. Prashant Chaturvedi	2011-15	Assistant Commandant in Indian Coast Guard Services
8	Ms. Sonal Goyal	2011-15	Captain in Indian Army, Gangtok, India.
9	Mr. Manas Tiwari	2011-15	Working in Tesla Motors, USA.
10	Mr. Ankit Sharma	2011-15	Qualified for UPSC-Indian Engineering Service (IES)-2018
11	Mr. Bhuvan Pargal	2012-16	Process Engineer at Samsung, Texas, USA
12	Mr. Divyanshu Shekhar	2012-16	Authored a book titled "Too Close Too Far" and is available at Amazon
13	Mr. Vaibhav Singh	2013-17	IIM, Amritsar, Punjab
14	Mr. Rishabh Atre	2014-18	Joined IIM Rohtak and received offer from by Youtube India for a business project

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Student's Achievements-

S.No.	Student Name	Achievement
1	Sameer Prakash	GRE score of 332/340
2	Akshat Bajpai	Joined University of Florida for VIII Semester Certificate Program
3	Shivam Agarwal	Joined University of Florida for VIII Semester Certificate Program
4	Tanmay Gupta & Nikhar Verma	Published a paper in a Journal of Structural Engineering, its application and Analysis, Vol.1, No.3, October 2018.
5	Navneet Khare and Gorang Sharma	Presented a paper in IC on Recent Innovations and Developments in Mechanical Engineering NIT Meghalaya, India on November 9, 2018
6	Saharsh Chaubey & his team	Participates in Swachh Bharat Internship 2018 and won first prize of Rs.30000/-
7	Rohan Kumar Singh & his team	Participates in Swachh Bharat Internship 2018 and won second prize of Rs.20000/-
8	Kush Srivastava	Presented a paper in the conference CSNT2018 held at RGPV Bhopal during November 24-26, 2018
9	Mayank Shrivastava, Sameeksha Shrivastava and Nivedita Singh	Participated in workshop organized by Electronics & ICT Academy during September 15- 20, 2018 at PDPM IIITDM Jabalpur.
10	Kush Srivastava	Participated in two week National Workshop & Summer School during July 14- 28, 2018 at IIIT, Allahabad.

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Student's Events @ JUET

S.No.	Student Name	Celebrated on
1	World Environment Day - presence of Madhya Pradesh Pollution Control Board Officials	June 04, 2018
2	International Yoga day	June 21, 2018
3	Fresher's Party	August 11, 2018
4	Film Charade	September 22, 2018
5	Border Management and National Security	September 28, 2018
6	Gandhi Jayanti Celebration	October 01-02, 2018
7	Tambola	October 06, 2018
8	Musical Night	October 13, 2018
9	Halloween Night	October 27, 2018
10	Traditional Night	November 17, 2018
11	Run for Unity and Democracy	November 25, 2018

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Submitted Research Projects Proposals

S.No.	Name of PI and Co-PI	Dept	Project title	Submitted to	Month/ Year of submission	Amount (Rs.)
1	Prof. Shishir Kumar , Dr. Nilesh Patel	CSE	Automation for Assessment of Alzheimer disease using biomedical sensors and deep learning techniques	Cognitive Science Research Initiative , DST	July, 2018	13.9 Lacs (2Years)
2	Dr. Abhishek Shukla & Dr. Sandeep Srivastava	HSS	Development & testing of cognitive bias modification for depression using eye tracking method	DST	July, 2018	40.5 Lacs (2Years)
3	Dr. Sumit Gandhi, Dr. N. K. Samaiya	CE	Water Management using Corrugated Bed and Stepped Spillway In an Open Channel for Ecological Protection	MPCST	August, 2018	14.38 Lacs (2Years)
4	Prof. Shishir Kumar , Dr. Nilesh Patel	CSE	Parkinson Disease: A early disease diagnosis and monitoring with wearable sensors using deep learning architecture	RDO, Saudi Arabia	October, 2018	3.8 Crores (3Years)

