Jaypee University of Engineering & Technology, Guna (MP)
Internal Quality Assurance Cell (IQAC)

Date: Jul. 26, 2023

Minutes of the 10th Meeting of IQAC

The tenth meeting of Internal Quality Assurance Cell (IQAC) was held on Jul. 26, 2023 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
Prof. Vipin Tyagi, Dean (A&R), JUET, Guna	Director IQAC & Member Secretary
Dr. Mahesh Kumar, COE, JUET, Guna	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. Bhagat Singh, HOD (MEC), JUET, Guna	Member
Dr. K.N.Gupta, HOD (CHE), JUET, Guna	Member
Dr. Ravi Kumar, (ECE), JUET, Guna	Member
Dr. Salil Modak, (Physics), JUET, Guna	Member
Dr. Nileshkumar R. Patel, (CSE) JUET, Guna	Member
Dr. Y. K. Modi, (MEC), JUET, Guna	Member
Dr. Divya Jain, (Mathematics), JUET, Guna	Member
Dr. Kamini Bhasin, (HSS) JUET, Guna	Member
Dr. K.B. Meena, (CSE), JUET, Guna	Member
Mr. V.C. Pandey (CFC) JUET, Guna	Member
Col. J. S. Prakash, Registrar, JUET, Guna	Member
Mr. Digvijay Singh, Asst. Registrar(Acad) , JUET, Guna	Member
Ms. Ashmita Singh, BTech III year	Member
Mr. Spandan Saxena, BTech IV year	Member
Mr. Harshit Golecha, IBM India (2014-18 batch)	Member
Prof. Sanjay Garg, Dean (I&R), HOD (CSE), JUET, Guna	Special Invitee

Leave of absence:

Mr. Anurag Sharma, Sub-Engineer, Raghogarh Municipality, Guna	External Member
Mr. Devendra Jain, MD & CEO, Dilip Buildcon Ltd	External Member
Mr. Sanjay Verma, GM (HR), GAIL India Ltd, Vijaypur	External Member
Prof. S. C. Gupta, Dept. of Electrical Engineering, MANIT, Bhopal	External Member

2. **Confirmation of minutes of 9th IQAC meeting held on Sept. 15, 2022:**
   Minutes of the 9th IQAC meeting held on Sept. 15, 2022 were read. Minutes confirmation was proposed by Col. J. S. Prakash and consented by all members present.

3. **Actions taken on 9th IQAC suggestions, were reported, and discussed (Annexure - 1)**

4. **NAAC pear team visited the University during Mar. 16-18, 2023, for second cycle of NAAC assessment and** accreditation. University accredited with A+ grade with CGPA of 3.26 on four-point scale. IQAC Chairman congratulated everyone on this achievement.

5. **University Recognition/Collaborations:**

   ➢ ANNAPURNA, JUET, Guna received the 'Eat Right Campus' award with FIVE STAR rating from the Food Safety and Standards Authority of India (FSSAI).
   ➢ JUET Guna signed an MOU with Kanpur Fertilizers and Chemicals Limited (KFCL) Kanpur, Uttar Pradesh to promote better employability and entrepreneurship among students, on Sept. 21, 2022.
   ➢ JUET Guna signed an MOU with Jaiprakash Power Ventures Limited to promote better employability and entrepreneurship among students, on Sept. 21, 2022.
   ➢ JUET Guna signed an MOU with JIL Information Technology Limited to promote a capacity building program for better employability and entrepreneurship, on Sept. 21, 2022.

6. **Events organized for students/faculty/ staffs**
   i. **Major FDP/Workshop/ Seminar/Webinar/Expert Talk**

Event Details	Dates	Organized by department
A webinar on "Rebarman"	Oct. 10, 2022	Dept. of CE
A one-week workshop on "NAAC SSR Preparation and DVV Process"	Oct. 10-14, 2022	IQAC, JUET, Guna
Two weeks Workshop on "AR-VR-MR"	Nov. 14-26, 2022	Dept. of CSE in association with IIC, JUET Guna
A webinar on "Importance of human values and workplace ethics"	Nov. 14, 2022	Dept. of HSS
A one-week workshop on "Outcome Based Education and CO-PO Mapping"	Nov. 17-22, 2022	IQAC, JUET, Guna
A one-week Faculty Development Programme (FDP) on AUTOCAD 2D and STAAD PRO	Nov. 22-28, 2022	Dept. of CE
A workshop on "Entrepreneurship and Innovation as a career opportunity"	Nov. 28, 2022 to Dec. 03, 2022	Dept. of HSS in association with EDC and IIC, JUET Guna
A workshop on "Women at Workplace: Provisions for Safety and Security"	Dec. 05-09, 2022	Gender Sensitization Cell, JUET
A five day workshop on "Industrial Internet of Things(IIoT)"	Dec. 05-10, 2022	Dept. of ECE
A workshop on "Robotics and AR/VR: a way to easier life"	Dec. 12-16, 2022	Dept. of CSE in association with DIC, JUET, Guna
An FDP on "Cyber Security and Digital Forensics"	Dec. 12-16, 2022	Dept of CSE in association with CONSILIO research Lab

A one-week Staff Training Programme (STP) on "Object Oriented Programming"	Dec. 19-23, 2022	Dept. of CSE
A one week workshop on "Creative Pitching & Presentation Skills"	Dec. 19-24, 2022	Dept. of HSS in association with IIC, JUET Guna
A one week staff development program "Machine and Equipment Handling in Advanced Manufacturing Lab"	Jan. 16-20, 2023	Dept. of ME
A three-day workshop on "French Language Induction Workshop"	Feb. 09-11, 2023	IIC, JUET Guna
A workshop on "Intellectual property rights and IP management for start ups"	Apr. 26, 2023 to May 01, 2023	IIC, JUET Guna
A session on "How to crack the code for writing a stellar research paper- Analysis using LaTeX"	Apr. 27, 2023	Dept. of HSS in association with IIC, JUET Guna
A session on "How to plan for Start-up and legal & Ethical Steps"	May 02, 2023	IIC, JUET Guna
A National Workshop for School Teachers on "Fundamentals of 3D Printing and Robotics"	May 18-20, 2023	Dept. of ME
A Teachers Training Programme for PGT (Chemistry)	May 29, 2023 to Jun. 03, 2023	Dept. of Chemical Engineering is collaboration with Dept. of Chemistry
A Staff's training program on "Artificial Intelligence and Cyber Security"	Jun. 05-09, 2023	Dept. of CSE
A Staff training Programme on Internet of Things (IoT)	Jun. 16-21, 2023	Dept. of ECE
A one-week workshop on "National Higher Education Qualification framework in Context of NEP 2020"	Jul. 10-15, 2023	IQAC, JUET, Guna

ii. Major Technical Events Organized by Technical Clubs

Event	Date	Organized by
Compose Camp	Sept. 19, 2022	Google Developer Student Clubs
Graphic designing	Sept. 25, 2022	Computer Society of India
Introduction to CTF	Oct. 07, 2022	Computer Society of India
C Workshop	Oct. 11, 2022	Computer Society of India
National Innovation Day	Oct. 15, 2022	ISF–JUET Guna
War for Trezor	Oct. 28, 2022	Mozilla Phoenix Club
Kodethon 1.0	Nov. 12, 2022	Computer Society of India, Hackerrank
Kodeathon 2.0	Nov. 16, 2022	Computer Society of India, Hackerrank
Fun Carnival	Nov. 18, 2022	ISF–JUET Guna
NeoHacks	Nov. 24, 2022	Computer Society of India, AR VR MR
Robo Soccer	Jan. 28, 2023	ISF–JUET Guna
Water Rocket	Jan. 28, 2023	Mechanical Engineering Society (MES)
Equilibria	Jan. 28, 2023	Mechanical Engineering Society (MES)

Nack	Jan. 28, 2023	Geeks for Geeks
Colour Combo,	Jan. 28-30, 2023	CHEF-Chemical Engineering
Flame Test	Jan. 28-30, 2023	CHEF- Chemical Engineering
Chem-e-Car	Jan. 28-30, 2023	CHEF- Chemical Engineering
Non-Newtonian Fluid	Jan. 28-30, 2023	CHEF- Chemical Engineering
Clay-modeling	Jan. 28-30, 2023	Civil Engineering
Truss-It	Jan. 28-30, 2023	Civil Engineering
Think if you can	Jan. 28-30, 2023	Civil Engineering
Bob the builder	Jan. 28-30, 2023	Civil Engineering
Robo Race	Jan. 29, 2023	ISF–JUET Guna
Tech-Connect	Jan. 29, 2023	Mechanical Engineering Society (MES)
Hydraulic Robotic Arm	Jan. 29, 2023	Mechanical Engineering Society (MES)
Suspension Off drive	Jan. 29, 2023	Mechanical Engineering Society (MES)
Tachyon (2023)	Jan. 29, 2023	Computer Society of India
Windows and Linux Hacks	Jan. 30, 2023	Geeks for Geeks
Flutter Forward	Feb. 28, 2023	Google Developer Student Clubs
Solderon	Mar. 01, 2023	IETE Student's Forum - JUET Guna
Flutter Forward Extended	Mar. 06, 2023	Google Developer Student Clubs
Internal Hackathon for KAVACH 2023	Apr. 25, 2023	IIC, JUET Guna
Figma Workshop	Apr. 28, 2023	Computer Society Of India
Kaggle 101	Apr. 29, 2023	Google Developer Student Clubs
Git To Github	May. 03, 2023	Geeks for Geeks
Sketch Tech Battle	May. 09, 2023	Geeks for Geeks
Data Structure Workshop	May. 10, 2023	Computer Society of India

iii.   **Other Events Organized**

> Deeksharambh, Induction Programme for new students of first semester 2023-24 was conducted during Jul. 18-30, 2023 and following prominent personalities motivated and guided students :
>   - Jul. 21, 2023:
>   - Mr. Abhijeet Parande, Cummins India Ltd
>   - Jul. 22, 2023:
>   - Brig. CJ Jaychandran
>   - Ms. Anjali, SDM Raghogarh
>   - Jul. 24, 2023:
>   - Prof. (Dr) Abdul Khader MK, Former Vice Chancellor, Kannur University
>   - Col. Hariharan, Joint VP, Bharti Airtel

7. **Meeting of University Academic Council/ Board of Management:**

   ➢ Meeting of Academic Council was held on Feb. 10, 2023 in JUET Guna
   ➢ Meeting of Board of Management (BOM) was held on Feb. 10, 2023 in JUET Guna.

8. **Days celebrated at JUET:**

Event Details	Date
Gandhi Jayanti and Lal Bahadur Shastri Jayanti	Oct. 02, 2022
National Innovation Day	Oct. 15, 2022
National Mathematics Day	Dec. 22, 2022
Shramik Diwas	Jan. 02, 2023
Republic Day	Jan. 26, 2023
National Science Day	Feb. 28, 2023
World Water Day	Mar. 22, 2023
World Earth Day	Apr. 22, 2023
National Technology Day	May 11, 2023
World Environment Day	Jun. 03, 2023
International Yoga Day	Jun. 21, 2023

9. **Research:**

   i. Publications (From Jul. 2022 to Jul. 2023):

Department	SCI Indexed Publications	WoS/Scopus Indexed Publications	Book Chapters/ Conference Proceedings	Other Publications (UGC-care)	Others
ECE	17	5	8	-	1
CSE	5	7	8	-	1
CHE	-	-	-	-	
CE	15	5	4	-	9
ME	16	8	5	-	34
CHEMISTRY	4	-	-	-	-
MATHS	4	2	1	-	-
HSS	-	11	5	1	
PHYSICS	-	3	-	-	-
Total	61	41	31	1	45

ii. PhD Awarded:
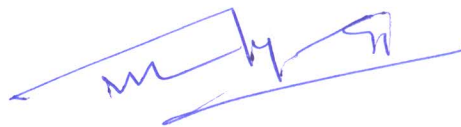
Departments	PhD Awarded (From Sept. 15, 2022 to Jul. 26, 2023)
Chemical Engineering	01
Civil Engineering	01
Humanities and Social Sciences	01
Mechanical Engineering	01
Computer Science and Engineering	01
Chemistry	01

11. Interactions:

i. Interaction with Alumni

- Mr. Suyash Vipul working in Sapient, Gurgaon interacted with students and conducted a seminar on "Data Analysis profile for Civil Engineers" on Sept. 23, 2022.
- Ms. Shivani Ranghya alumni of ECE (2013-17) working in IBM, Gurgaon interacted with students and conducted a seminar on "Requirement of corporate for Freshers" on Oct. 06, 2022.
- Mr. Piyush Jindal, alumni of CSE (2013-17) working in the BCI (Govt. Organization) interacted with students and conducted a seminar "Trend of CSE is not correct" on Oct. 06, 2022.
- Mr. Kartik Garg alumni of CSE (2017-21) interacted with students and conducted a seminar on "Data Science" on Nov. 19, 2022.
- Mr. Hardik Gupta, alumni of CSE (2016-20), currently working in Wipro as a Software Engineer interacted with students and conducted a seminar on "How to prepare for placements" on Dec. 10, 2022.
- Mr. Sourabh Kumar, alumni of CSE (2015-19), currently working in Infosys interacted with students and conducted a seminar on "Tips for getting scholarship for abroad Study" on Dec. 10, 2022.

ii. Interaction with Students

- Col. Akhilesh Yadav, Indian Army visited the campus and interacted with the first-year students on Sept. 23, 2022.
- Shri Anil Mohan Ji, President (Admn.), Jaypee Group and Shri D S Ahuja Ji, Director, Kanpur Fertilizers and Chemicals Limited visited the JUET Campus and interacted with students on Apr. 06, 2023.
- Brig Sanjay Dawar (Retd), Head, Centralized T&P Cell visited the JUET Campus and interacted with students on May 10, 2023.

iii. Interaction with Faculty Members and Staffs

- Registrar Col. J.S. Prakash (Retd.) interacted non-teaching staff on Dec. 13, 2022.
- Hon'ble Vice Chancellor Prof. J.S.P. Rai interacted with faculty and staff members on May 02, 2023.

12. Student's Achievements:

- Five UG/PG students published research papers.
- Mr. Gopi Chandra SD and Ms. Sreenidhi SD completed 12-week NPTEL online certification course on "Industrial Safety Engineering" during Jul.–Oct. 2022.
- Sreenidhi SD completed 12 week NPTEL online certification course on "Safety and Risk Analytics" during Jan.-Apr. 2023.
- Shikhar Goliya (201D008) qualified for GATE-2023.

13. Faculty Achievements:

- Copyright is granted to Garima Rawat, Sumit Gandhi and Yogesh Iyer Murthy on "Web Application for calculation of Non Steady State Migration Coefficient", via Application No. 2948/2022- CO/SW.
- Dr. Jitendra Kanungo received IEEE- Senior membership in Dec. 2022.

14. Placement:

B.Tech 2019-23 Batch

Content	CSE	ECE	MECH	CIVIL	CHE	TOTAL
No. of Admitted students	307	21	17	8	5	358
Students not interested for placement	27	5	5	3	2	42
No. of students interested for placement	280	16	12	5	3	316
No. of Absolute Offers	262	11	11	4	2	290
% of Absolute Offers	93.57	68.75	91.67	80.00	66.67	91.77
	459	13	16	8	3	499
% of Total Offers	163.93	81.25	133.33	160.00	100.00	157.91

* Avg. Pkg offered - 6.51 Lakhs/PA

* No. of offers with CTC 4 Lakhs/PA and above-449

* No. of offers with CTC 5 Lakhs/PA and above-193

* No .of students with more than one offer- 133

* Highest Pkg. Offered - 44 Lakhs/PA

* Placement is in progress for the batch

15. Outreach Activities:

- Police Officials addressed first year students on "Nasha Mukti" on Oct. 15, 2022.
- Thirty students of Government Excellence School, Aron, M.P. visited the University campus under education excursion programme on Jan. 28, 2023.

- ➢ Mass vaccination drive for Covid-19 vaccine was organized in JUET campus on Jan. 31, 2023.
- ➢ A plantation drive was conducted in JUET Campus on Feb. 19, 2023.
- ➢ Women "Daredevils" and "All Women Band" of CRPF performed at JUET Campus during Bike Rally-2023 on Mar. 14, 2023.
- ➢ A blood donation camp in association with Red Cross Society, Guna was organized by the University on May 08, 2023. Students, faculty, and staff members donated their blood at the medical centre of JUET Guna.

16. Program Outcome /Course Outcome Attainment Analysis

- ➢ Program Outcome and Course Outcome attainment analysis was presented for each program.

17. Other important activities by University:

- ➢ Adoption of Revised Procedure for students to file Online Anti Ragging Affidavit.
- ➢ Adoption of 40% Courses through SWAYAM.
- ➢ Formation of Research and Development Cell as per UGC guidelines.
- ➢ Adoption of UGC guidelines on Twinning/Joint/Dual Degree Programs.
- ➢ Adoption of UGC guidelines on Engagement of Professor of Practice.
- ➢ Provision of Compensatory Time and/or Scribe availability during Examination for Students Suffering from Benchmarked Disabilities.
- ➢ Adoption of Ph. D. Regulations 2022
- ➢ As per Curriculum and Credit Framework 2022 CGPA/SGPA rounding off up to 2 decimal places and reported in transcripts.
- ➢ As per AICTE approval process Handbook 2022 (Para 7.14), admission to lateral entry to 2nd year courses is permissible upto 10% over and above the approved intake.

18. New Joining/ Appointment /Promotion

- ➢ Mr. Govind Lodha joined JUET Medical Centre as Jr. Nurse (Male) on Oct. 14, 2022.
- ➢ Prof. Sanjay Garg joined University as HoD (CSE) and Dean (Innovation & Research) on Mar. 9, 2023.
- ➢ Prof. Vipin Tyagi promoted as Dean (Academics & Research) of the University on Feb. 20, 2023.

19. Recommendations of IQAC:

- ➢ More efforts for improving admission in branches other than CSE.
- ➢ Offering of BTech lateral entry to working professionals as per AICTE guidelines
- ➢ Micro-specializations should be planned and offered to students.

- Every faculty member must participate in minimum one FDP / Workshop/ Conference in each semester (as attendee / speaker / paper presenter)
- More efforts for Funds/ Grants from government/ non-government bodies / individual
- E-content for the MOOC platform should be developed at least one, by each department.
- More efforts for consultancy project and research projects
- More focus should be given to SCI/Scopus research paper publications.
- BIS club at JUET should be established.

20.   **The meeting ended with a vote of thanks to chairman.**

(Prof. Vipin Tyagi) July 2023

Director IQAC &
Member Secretary

Confirmed

(Prof. J. S. P. Rai)

Chairman

Actions taken:

Planned action	Action taken
More Efforts for funds/Grants from government/ non-government/ individual	Faculty members were encouraged to write and apply project proposals for government/ non-government agencies such as MPCST, DST, etc. Consequently, – 3 research projects have been submitted. – 1 research project was approved – 3 International patents and 3 national patents have been granted.
E-content for MOOC platform should be developed at least one by each department	All the faculty members have been advised to gather information pertaining to development of E-content, essential equipment required for creating online courses, etc, by attending FDP/ courses on E-content development. Consequently, – Some faculty members have started creating E-content
More efforts for consultancy projects	Faculty members are trying for consultancy.
Course curriculum be enriched, and new courses be included for employability, entrepreneur ship and skill development	Course curriculum is enriched for better employability and skill development by: – Modifying some of the existing courses wherever required – Proposing several new courses Following new UG and PG programs have been proposed: **UG Programs:** – B.Tech. Artificial Intelligence & Data Science – B.Tech. Artificial Intelligence & Machine Learning – B.Tech. Cyber Security & Forensics **PG Programs:** – M.Tech. Artificial Intelligence and Data Science – M.Tech. Artificial Intelligence and Machine Learning – M.Tech. Cyber Security and Forensics – M.Tech. Internet of Things – M.Tech. Cloud Computing – M.Tech. Computer Vision and Image Processing
Preparation for NAAC visit should be started	– NAAC visit completed successfully.
Centers of excellence should be created in the university	Currently CRDC has been established as Center of excellence and WEAC is being developed as Centre of excellence. One step towards providing high computing facility – GPU lab was developed in CL-2