Date: July 30, 2020

Minutes of the 6th Meeting of IQAC

Sixth meeting of Internal Quality Assurance Cell (IQAC) was held on July 30, 2020 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
Brig Arjun Rawat (Retd), Registrar, JUET, Guna	Member
Prof. P. K. Singh, HOD CHE &CHY, JUET, Guna	Member
Prof. Vipin Tyagi, Head (FMS) & HOD (Mathematics)	Member
Prof. Ghanshyam Singh, HOD MEC, 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. Rashmi Tyagi, CoE JUET, Guna	Member
Dr. Nileshkumar R. Patel, JUET, Guna	Member
Shri Vivek Tiwari, Incharge, LRC, JUET, Guna	Member
Shri V.C. Pandey (CFC) JUET, Guna	Member
Prof. Shishir Kumar, HOD (CSE) and Acting Dean (A&R),	Member Secretary

   Leave of absence was recorded for-

Shri Aditya Kumar Shrivastava, DM, ACC Cement (Tikaria)	External Member
Shri D.K. Jain, GM (HR), GAIL,, Vijaypur, Guna	External Member
Prof. S.K. Katiyar, Professor, MANIT, Bhopal	External Member
Prof. S.C. Gupta, Dept. of Electrical Engg., MANIT, Bhopal	External Member
Shri D.P. Mishra, JDEO, Tehsil- Raghogarh, Guna	External Member
Shri Anurag Sharma, Sub-Engineer, Raghogarh Municipality, Guna	External Member

2. **Confirmation of minutes of 5th IQAC meeting held on Monday, January 06, 2020 -** Minutes of the 5th IQAC meeting held on January 06, 2020 read and confirmed with consent of all.

3. **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 2018-19 was reported. It was submitted to NAAC through online mode on November 12, 2019. Its copy was uploaded on the University website. This AQAR was ratified by the BOM in its last meeting held on January 31, 2020.

   (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 is an approved Remote Center of National Mission on Education through ICT Program (MHRD, Govt. of India), conducted by consortium of IITs, and coordinated by IIT Mumbai.
- JUET is the nodal center of Virtual Lab, IIT Delhi.
- Cisco Academy established in December 2018. CCNA Routing & Switching Module -2 : A Training Programme at JUET was organized in offline/online mode during Feb 3 - April 30, 2020.
- **TIE-UP WITH COURSERA** - For supporting online learning, University started Coursera - JUET Sponsored Program for students and faculty members of University in the month of March 2020. Till August 14, 2020, 955 learners (students and faculty members) of the University joined this program and enrolled for 7187 courses. Out of 7187 enrolled courses, 2258 courses have been completed by the learners till this date.
- **Consultancy -** Prof P. K. Singh is providing consultancy to DCM Shriram Cement, Kota (Rajasthan) in the following areas:
    - Improvement in consistency and compressive strength of cement
    - Utilization of hazardous wastes as alternative fuel.

(d) MOUs with other Organizations-

- MOU signed with Computer Society of India, Mumbai, on April 27, 2020 to promote the development of a Digital Forensics Research Centre (DFC)

(e) Visits of prominent dignitaries for discussions -

- Mr. Abhinav Kumar Pande, Developer Associate at SAP, India, delivered a webinar on "Do's and Don'ts of Campus Recruitment", for B.Tech CSE IV/VI semester students on June 21, 2020.
- Mr. Agam Jain, Data Analyst at DocApps, Bengaluru, conducted a webinar on "How to pursue Data Analytics", for B.Tech CSE VI Semester students on May 23, 2020.
- A webinar on topic "Sessionize with Engineering Architect Mr. Amit Singh (Adobe, India) for upcoming placement season", conducted for B.Tech CSE VI semester students on May 10, 2020.
- Mr. Rahul Sawhney, Flipkart Bengaluru, India, conducted a webinar on "Current trends and expectation for recruitment and how to prepare for placements", for B.Tech CSE VI semester students on May 01, 2020.
- Mr. Shashi Bhusan, Mentor of Geeks for Geeks, India, conducted a webinar on "Talk on preparation of Placement for Dream Companies", for B.Tech CSE VI semester students on April 17, 2020.

(f) Invited Expert Lectures @ other Institutions

- Prof. S. Arunachalam, delivered a lecture (0nline mode) entitled "Cyclone Disaster Mitigation including Materials and Methods of Construction", in FDP on "Recent Advances and Research Avenues in Material Science (RRM-2020)", conducted by School of Advanced Sciences, Kalasalingam Academy of Research and Education, on June 12, 2020.
- Dr. Yashwant Kumar Modi delivered an invited lecture on "Automation in Industries" in one week FDP on "Recent Trends in Manufacturing System & Industrial Practices", organized by Govt. S. V. Polytechnic College, Bhopal on March 04, 2020.

- Dr. Yashwant Kumar Modi delivered invited lecture on "Recent Development in Additive Manufacturing" in FDP sponsored by APJ Abdul Kalam Technical University, Lucknow, UP under TEQIP-III, organized by Galgotias College of Engineering and Technology, Greater Noida on January 17, 2020.

(g) Meeting of University Academic/Management Meetings-

Sixteenth BOM (Board of Management) meeting was held on January 31, 2020.
Eleventh Academic Council meeting was held on July 27, 2020 (online mode).

(h) Seminars/Workshops organized-

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

Event Details	Dates	Resource Person
IQAC of JUET Guna conducted a seminar to discuss the recent changes in NAAC Accreditation process and adoption of learning outcome based curriculum.	March 05, 2020.	Prof. Shishir Kumar
Department of CSE organized "Teachers Training Program on Python Projects" for school teachers in online mode. 71 participants from 56 institutions participated in this event.	May 25-30, 2020	Dr. Mahesh Kumar, Dr. Nileshkumar Patel, Mr. Utkarsh Sharma and Dr. Amit shrivastava
Department of CSE organised and delivered a webinar session on "Scope of Engineering Skills and Technologies after COVID 19". Total 415 participants participated in this webinar.	May 20-21, 2020	Mr. Partha Sarathy Banerjee
CCNA Routing & Switching Module -2 : a training programme at JUET was organized in offline/online mode.	Feb 3 - April 30, 2020	Dr. Mahesh Kumar
The Department of HSS organized one-day webinar titled 'Prospects of New Technologies in Pandemic situation.	June 16, 2020.	Dr. Abhishek Shukla
The Department of HSS organized three-day webinar titled 'Building career in Emerging Technology during COVID-19".	May 12-14, 2020	Dr. Abhishek Shukla

(i) Other Events Organized-

- 71st Republic Day was celebrated on January 26, 2020. National Flag was hoisted by Prof. J.S.P. Rai, Hon'ble Vice Chancellor of the University, followed by speech and National Anthem.
- International Women's Day was celebrated on 5th March 2020. Dr. Rachna Chaturvedi, Faculty-HSS had an interactive session with all the female students.

(j) Faculty Seminars-

- Dr. Rahul Shrivastava delivered a seminar on "Comparative study of boosting and bagging based methods for fault detection in a chemical process", on February 29, 2020.
- Dr. Sushmita Sharma delivered a seminar on "Extraction of germanium from fly ash", on January 29, 2020.
- Mr. Yogesh Iyer Murthy delivered seminar on "Use of fibre reinforced composites in construction" on February 17, 2020.
- Dr. Abhishek Shukla delivered a seminar on "Does Selective attention affect cognitive learning" on March 06, 2020.

(k) Publication data (From July 2018 to December 2018)-

Category	2019-20
SCI publications (Journal)	40
Scopus publications (Journal)	21
Other publications (Journal)	1
Total Publications (Journal)	62
SCI+Scopus publications (Journal)	61
Books Chapters /Conference Proceedings	13
Sponsored Ongoing Research Projects	4
Submitted Research Projects	15
Patents Published	2

(l) Interaction with Stake-holders

By Honorable Vice Chancellor:
- Honourable Vice Chancellor Prof. J.S.P. Rai interacted with all faculty members and staff members of the university on June 25, 2020.
- Honourable Vice Chancellor Prof. J.S.P. Rai addressed students and parents via written messages twice during the COVID-19 pandemic on April 16 and June 6, 2020.

By Registrar
- Brig Arjun Rawat (Retd), Registrar, JUET interacted with Registrars of all private universities of MP in meeting of MP Private University Regulatory Commission held at Bhopal on February 20, 2020.

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

- A new online e-resource IEEE ASPP for e-journals has been added.
- Springer Nature and IEEE CSDL on-line e-resources for e-journals have been renewed.
- LRC subscribed DELNET, a major resource sharing library network in India; connecting more than 6800 libraries in 33 states and 8 countries.
- Demonstration of Magzter organised on January 9, 2020.

(n) Alumni Achievements-

Alumni Achievements are reported and listed in Annexure -1

(o) Student's Achievements-

Student's Achievements are reported and listed in **Annexure -2.**

(p) Student's Events @ JUET

List of events organized by students in mentioned in **Annexure-3.**

(q) Group Insurance-

- Students' Mediclaim (For treatment of injuries due to accidents) Six students benefited (up to ₹50,000/-)
- Faculty and Staff members covered with group Mediclaim Policy (with self contribution)

(r) Social Activities-

- With voluntary contribution from faculty and staff members, 100 food packets per day were distributed to migrants, government staff in the field and needy persons. Over 2500 food packets were distributed during lockdown period.
- Assistance to district administration in form of transit facility to over 800 students of MP State studying in Kota, Rajasthan including medical examination was provided on April 22-23, 2020.
- As a part of Social Awareness Campaign in the nearby areas, E-Village was organized by the university on 26th January, 2020 in Shripura Village.

(s) Placement Record: B.Tech 2016-20 Batch (As on June 30, 2020)

Branch	CSE	ECE	MEC	CHE	CE	Total
No. of Admitted Students	268	22	57	2	48	397
No. of Eligible Students	227	18	37	0	34	316
Students Opted for Higher Studies	4	2	8	0	6	20
No. fo Students Interested for Placement	223	16	29	0	28	296
Total No. Offers to Students	365	21	32	0	18	436
% of Students Placed - Offer wise	163.68	131.25	110.34	0	64.29	147.30

- One of B.Tech (CSE) Final year student (2016-20 batch), Shubham Tyagi, Er. Number 161B226 has received a job offer from Shopee-Airpay with a package of 78000 SGD (Approx. INR 41) Lacs per annum.

(t) Ph.Ds Awarded-

Departments	Ph.Ds Awarded (Till December, 2019)
CSE	01
ECE	02
MEC	02
HSS	01

(u) Patents Filed-

Patent Details	Patent status (Published/ Filed)	Patent Number (Numeric Field)	Date of Award (DD/MM/YYYY)
Sacrificial anodes for corrosion mitigation of RCC structures using Mg-Ca-Y alloys.	Published	201821043948	22-05-2020
Sacrificial anodes for corrosion mitigation of RCC structures using Mg-Ca-Nd alloys.	Published	201821043949	22-05-2020

(v) Establishment of New Laboratories-

- AR/VR and AI/ML Lab established as per plan of Phase-1.

(w) Project Grants-

S/No.	Name of Principal Investigator & Department	Name of Project	Sponsor / Date of Approval	Fund Allocated (in Lacs)	Duration
1	Dr. Y.K. Modi, Mechanical Engineering	To Investigate the calcium sulphate and silicate based scaffold useful in human anatomy and developing this material using 3D printing	MPCST, Govt. of MP / 31.03.2018	6.45	2 Years (Continued projects)
2	Ms. Nancy Soni (Fellowship for Research Study)*, Civil Engineering	Utilization of Manufactured Sand obtained from Construction & Demolition Waste in High Strength Concrete	Indira Gandhi Fellowship of Environmental Management and Conservation (2016-17); EPCO / 11.06.2018	7.00	2 Years (Continued Projects)
3	Dr. Shishir Kumar (PI), Dr. Nileshkumar R. Patel (Co-PI), Computer Science & Engineering	Effective Approach for Prolonged Lifetime of Wireless Sensor Network through Efficient Energy Conservation	MPCST, Govt. of MP / 04.02.2019	4.25	2 Years (Continued Projects)
4	Dr.Rachna Chaturvedi, Humanities and Social Sciences	An evaluative study of Digitally Empowering Urban and Rural Women in the district of Guna, Madhya Pradesh	Indian Council of Social Sciences and Research, New Delhi / 13.11.2019	3.00	1 Year (Continued Projects)

(x) Submitted Research Projects Proposals

Details of Research Projects Proposals was reported and mentioned in **Annexure -4.**

(y) Promotion and Incentives

- The pay scale of Mr. Rohini Prasad Dwivedi, Mr. Arun Kumar Tripathi and Mr. Prem Lal Kushwaha has been upgraded.

(z) New Joining-

- Prof. Ghanshyam Singh joined the department of Mechanical Engineering as HOD on January 1, 2020.
- Mr. Shubham Kumar Tiwari joined department of Mechanical Engineering as Lab assistant on January 1, 2020.

(aa) Awards / Achievements / Recognition of faculty

- Prof. S. Arunachalam, as a member of Section Committee-1 (Civil Engineering) of the Indian National Academy of Engineering (INAE), attended on-line meeting for short listing of nominations for Election of Fellows; Foreign Fellows and INAE Young Engineer (YE) Award-2020 on June 16, 2020.

(ab) Implementation of 'Learning Outcome Based Framework' in the University.

(ac) COVID-19 Pandemic-

(i) Administrative Precautions -

- COVID Response Committee (CRC) constituted and functioning.
- Charter of Responsibilities to Faculty and Staff Members issued and regular assessments are being carried out.
- Sanitization Chambers fabricated and installed at relevant areas.
- SOPs prepared and displayed at relevant locations.
- Thermal Scanners & Hands free dispensers, additional hand washing Points.
- Hostels are kept ready for allotment as per social distancing norms.
- Circles/Squares/Lines have been drawn wherever required.
- Arranged isolation rooms for identified/suspected students, separately for boys and girls.
- University ready to receive students as soon as Govt. allows.

(ii) Academic Activities in prevailing situations-

- Amid pandemic online classes started from March 2020 as students were at home using tools like; gotomeeting, Zoom, Microsoft teams, Google meet etc.
- Invited lectures and technical sessions for preparing students for upcoming placements drives were conducted by Industry experts and alumni.
- Frequent interactions with students established by strengthening mentorship activity. Group interactions using Whatsapp, Social media, online meeting platforms are being used effectively.
- T2 and P1 examinations of last semester (January – June 2020) for interim semesters conducted using open sources online platform. For end semester examination of final year students were conducted using services of Mettl (AI based proctored online examination tool).

- Marks of T3 for interim semesters awarded on the basis of SGPA. (As per recommendation of UGC and Academic Council Meeting).
- University subscribed G – Suite for learning management system and for conduction of online classes. University mail Ids with domain @juetguna.in provided to all students and faculty members.
- Orientation Session for G – Suite conducted for faculty, staff and students.
- Online classes of next semester will be conducted using LMS G – Suite. For monitoring and support the online teaching Department level committee (DLC) and University Level Committee (ULC) formed.
- Meetings of DLCs and ULC will be organized on frequent basis. Frequent feedback from students and parents are will be collected randomly.
- Faculty development program for online teaching learning will be organized.
- Software and related system is prepared to handle the admission process of all the programs through online mode.
- Orientation program for newly admitted students will be conducted online as per UGC Guidelines.

(ad) 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
- 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 and 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
- Motivation to file Patents
- Participation of faculty members in FDPs, workshop and conferences to be encouraged
- Arrangement of more internships and certification module (online) for students.
- Expert lectures, webinars, workshops and faculty development programmes organized frequently.
- Better focus for placement preparation and career counseling sessions for students of final year.
- More session for Students training on trending tools and technologies to be organized.
- Continuous updation of digital library (LRC), Library resources needs to be further augmented, more library use to be promoted.
- Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Implementation of Learning Outcome Based Curriculum Framework (LOCF)	All the courses being taught in the University were reviewed and restructured to include objectives and outcomes for efficient outcome-based assessment.
Restructuring of courses	Various courses were updated and some emerging courses for both the theory as well as the lab were introduced to get in-line with the industry demand
Introducing specialization in programmes	Specialization in degree programmes were offered to all the B.Tech. students at JUET Guna for the batch 2018 and onwards.
Promoting the culture of online teaching & learning	A few labs and classes from some specific courses were taken online on a pilot bases; but sooner due to the lockdown, the teaching-learning had to be shifted to the online mode altogether. Students' feedback was taken from time to time to monitor the quality of teaching and learning. Measures were taken to make this mode of teaching and learning more effective.

4. 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

Annexure -1

ALUMNI ACHIEVEMENTS

- Mr. Shantanu Singhal, alumnus of B.Tech, CSE, batch 2016-20, has been offered admission in MS in business analytics program from university of Liverpool, UK.
- Mr. Shivam Agarwal alumnus of B.Tech, CSE, batch 2015-19, has been offered MS in University Of Florida, Gainesville, USA.
- Mr. Abhay Bajaj alumnus of B.Tech, MEC, batch 2015-19, has been offered MS in University of Applied Science Nordhausen, Germany.
- Mr. Abhishek Sharma, alumnus of B.Tech, MEC, batch 2015-19, has been offered MS in TU Dortmund University, Germany.
- Mr. Rajat Bisht, alumnus of B.Tech, MEC, batch 2015-19, has been promoted as Maintenance Engineer (MES) in Adani Wilmar Limited.
- Mr. Tushar Verma, an alumnus of B.Tech, ECE, batch 2015-19, has been promoted to Engineer-QA at Samsung, Noida.
- Mr. Nami Hathishah, alumnus of B.Tech, CE, batch 2015-19, cleared GRE with a score of 321 and TOEFL with a score of 107.
- Ms. Gargi Sawhney, alumna of B.Tech, CSE, batch 2014-18, pursuing her Masters from State University of Newyork at Stony Brook, USA.
- Ms. Divya Mawkin, alumna of B.Tech, CSE, batch 2014-18, pursuing her Masters in Management Information Systems from New York University, USA.
- Mr. Aditya Singh alumnus of B.Tech, CE, batch 2014-18, has been offered admission in Masters in Construction Planning and Management from Virginia Tech, Texas A & M and Purdue.
- Mr. Govind Sharma, alumnus of B.Tech, MEC, batch 2014-18 secured 400th rank in GATE-2020.
- Mr. Apoorv Saxena, alumnus of B.Tech, CSE, batch 2013-17 has been offered admission in MS in Computer Science from University of Texas, Arlington, USA.
- Mr. Shikhar Dixit, alumnus of B.Tech, CSE, batch 2013-17 cleared XAT with 94.799 score. Got admission in IMT Ghaziabad.
- Mr. Vipul Jain, alumnus of B.Tech, CE, batch 2013-17, is offered admission for Master's in Construction Planning and Management from the University of Deakin and also from the University of Adelaide.
- Mr. Vikramaditya Somani, alumnus of B.Tech, CE, batch 2013-17, completed his Post Graduate Program, MBA from Indian Institute of Management, Kashipur, is currently working as Bussiness Development Manager in Teltonika, with a package of ₹16.5 lakhs per annum.
- Mr. Manasvi Sharma, alumnus of B.Tech, MEC, batch 2013-17, received job offer as Manufacturing Engineer at Avive Solutions, USA.
- Mr. Aditya Singh Paliwal, alumnus of B.Tech, MEC, batch 2013-17 secured 119th rank in GATE-2020.
- Mr. Mehul Kulshreshtha, alumnus of B.Tech, CSE, batch 2012-16 has been offered admission in MS in Computer Science at Dalhousie University, Canada.
- Ms. Shekha Saxena, alumna of B.Tech, CSE, batch 2012-16 has completed her Masters in Information System from Georgia State University. Currently she is working for Georgia Pacific as a Data Scientist.
- Mr. Sarthak Sharma, alumnus of B.Tech, CSE, batch 2012-16 has been offered admission in MS from Georgia State University, Atlanta, Georgia.
- Ms. Divya Shikha, alumna of B.Tech, CSE, batch 2012-16 has been offered admission in MBA in IIM Trichy.
- Mr. Sidhartha Sanadhya, alumnus of B.Tech, MEC, batch 2012-16, pursuing Ph.D. in Mechanical and Aerospace Engineering at University of Florida, Gainesville, USA.
- Mr. Uday Mehrotra, alumnus of B.Tech, MEC, batch 2012-16, has been promoted as Category Associate in Unacademy, Bangaluru.

- Mr. Sushant Jain, an alumnus of B.Tech. ECE, batch 2012-16, received Certificate of Excellence for his Exceptional Performance from Infosys.
- Mr. Rohan Agarwal, an alumnus of B.Tech. ECE, batch 2012-16, started a new position as Data Analyst at Novartis, Hyderabad.
- Ms. M Subbalakshmi, alumna of B.Tech, CSE, batch 2011-15, pursuing her Masters in computer science from The University of Texas at Rio Grande Valley, USA.
- Mr. Yuvraj Sharma, alumnus of B.Tech, MEC, batch 2011-15, joined as Deputy Manager at STL Sterlite Technologies.
- Mr. Shashwat Tiwari, alumnus of B.Tech, MEC, batch 2011-15, joined as Supply Chain Analyst at Veev California, USA.
- Ms. Neha Kumari, an alumna of B.Tech. ECE, batch 2011-15, started a new position as Sr. Project Scientist at Indian Institute of Technology, Delhi.
- Mr. Ayush Kapoor, an alumnus of B.Tech. ECE, batch 2011-15, started a new position as Management Intern at ITC Limited.
- Mr. Adarsh Pandey, an alumnus of B.Tech, ECE, batch 2011-15, is promoted to Human Resource Business Partner at Birlasoft, Pune.
- Mr. Shashank Shekhar, alumnus of B.Tech, CSE, batch 2010-14 has been offered admission in MS in Business Analytics program at Drexel University, Philadelphia.
- Mr. Pranjal Tiwari, alumnus of B.Tech, MEC, batch 2010-14, joined as Associate Project Manager at JP Morgan, Mumbai.
- Mr. Chinmay Gupta, alumnus of B.Tech, MEC, batch 2008-12, joined Westpac, Australia.
- Mr. Sachin Mehta, an alumnus of B.Tech. ECE, batch 2006-10, started a new position as Research Intern at Face book Research, Washington.
- Mr. Abhay Kumar Sah an alumnus of B.Tech, ECE, batch 2006-10, joined Indian Institute of Technology, Roorkee as Assistant Professor. He was recipient of Vice Chancellor Gold Medal.

Annexure -2

STUDENT'S ACHIEVEMENTS-

- Shivam Kumar Mishra (161E037) scored 722 marks in GATE-2020 and secured 1960th rank.

Annexure-3

STUDENT'S EVENTS

- Civil Engineering Forum (CEF) organized an event "ATHARVA 4.0" on January 20, 2020. A quiz related to general knowledge and reasoning was conducted in this event. Approximately 70 participants from various branches took part in the event.
- The Student branch of Computer Society of India, Bitwise – JUET Programming Hub and Mozilla Phoenix Club organized following events during this period:
    - Kodeathon A12 (Online) : May 20, 2020
    - National Coding Contest (CSI MVSR) : April 25-27, 2020
    - Kodeathon A10 : March 4, 2020
    - Graphic Designing Workshop : February 28-29, 2020
    - Kodeathon A9 : February 27, 2020
    - Python Workshop : February 24-25, 2020
    - AR/VR workshop : February 17, 2020
    - Typolympics : February 12, 2020
    - AR Zombie Shooter Game (Part -1) : February 7,2020
    - Alumni Connect : January 27, 2020
    - E-Village : January 26,2020
    - Kodeathon A8 : January 23, 2020

- Kodeathon A7 : January 22, 2020
- Code Class : January 16-17, 2020
- Getting Started – 1st AR Project : January 11, 2020
- Memathon : January 09, 2020

Following events have been organized by the student of department of ECE:
- Fundamentals of Image processing : February 10-12, 2020
- Line follower : January 24, 2020
- Robotics Workshop : January 22-23, 2020

Student's Activities by department of MEC
- Team Ardent Clan Motorsports, consisting of 13 B.Tech. students of the department participated in M-Baja, an All Terrain Vehicle (ATV) design competition organized by SAEINDIA during March 5-8, 2020 at Chitkara University, Chandigarh.
- Mechanical Engineering Society (MES) organised "Science Trick" competition on January 27, 2020.

JUET YOUTH CLUB (JYC)

Following activities have been conducted by various wings of JYC during July 01 to August 16, 2020:
- Independence Day : August 15, 2020
- Hindi Play: Tripling : March 04, 2020
- Cricket Premier League : February 20 to March 06, 2020
- DEQUINOX: The Cultural Fest : February 20-22, 2020
- Saraswati Puja : January 30, 2020
- Interyear Handball Championship : January 20-30, 2020
- Interyear Volleyball Championship : January 14-22, 2020
- Cultural Evening : January 18, 2020

Annexure -4

PROJECTS SUBMITTED FOR APPROVAL

Projects Name	Department	Amount (in Lakhs)	Agency
Smart Soil Parameter Estimation System using Autonomous WSN (SSPESAWSN)	CSE	2.0	NewGenIEDC-DST
Development of low cost Real Time Environment Monitoring(RTEM)	CSE	2.0	NewGenIEDC-DST
Development of Supercharging Civil Surveillance using Artificial Intelligence (SCSAI)	CSE	2.0	NewGenIEDC-DST
Commercial production of single slope solar still (SSSS)	MEC	2.13	NewGenIEDC-DST
Fabrication of an Ultrasonic Assisted Drill Machine (UADM) Setup for increasing the productivity, quality and tool life.	MEC	2.01	NewGenIEDC-DST
To evaluate the most suitable integrated solutions for increasing energy performance of the air conditioned building, avoiding moisture problems	MEC	0.76	NewGenIEDC-DST

Flax and bamboo based hybrid laminated fiber reinforced bio composites as non-structural elements using natural matrix	CE	2.0	NewGenIEDC-DST
Pilot studies on in-vitro corrosion behavior of Mg-Zn alloys as potential bio-absorbable material in Simulated Body Fluids (SBF)	CE	1.5	NewGenIEDC-DST
Mg-Ca based newer sacrificial anodes for RCC structures exposed to high chloride atmosphere	CE	1.43	NewGenIEDC-DST
Eco-friendly plastic building blocks	CE	1.7	NewGenIEDC-DST
Establishment of Atal Incubation Centre	JUET	858	Atal IM
Privacy Preserving Emergency Alert System for Elderly	CSE	19.80	SERB
Demodulator Technology Circuit for Biomedical Application	ECE	9.74	SAMSUNG
Assessment of the impact of soil and irrigation water quality on soybean yield through multivariate statistical, SWS and SWAT modeling.	CHY	8.62	MPCST, Bhopal
Experimental Investigation of Electrical Discharge Drilling of Hastelloy C-276 Sheet	MEC	9.95	MPCST, Bhopal