

Award Category – Teaching & Learning(to be filled by Teachers)

Award for – Teachers only

Duly completed form to be submitted by August 15, 2022. Pls read terms and conditions on www.bharatshikshaawards.com before submitting your response.

Email *

anjnaznus@gmail.com

Email id *

anjnaznus@gmail.com

Name of the teacher, age, institution name, course name *

Dr. Anjum Nazir Qureshi, Age: 41, Institute: Rajiv Gandhi College of Engineering Research & Technology, Chandrapur,. Course : B.Tech (Electronics & Communication Engg)

How much of the syllabus was covered in the class? *

- 4 – 85 to 100%
- 3 – 70 to 84%
- 2 – 55 to 69%
- 1– 30 to 54%
- 0 –Below 30%

Whether you have identified slow learners and fast learners and explain the process you have used to identify the slow and fast learners (including during COVID period)? *

- 4 – Regularly
- 3 – Usually
- 2 – Sometimes / Occasionally
- 1 - Rarely
- 0 – Not at all

Do you inform students about their competencies, course outcomes and programme outcomes? *

- 4 – Every time
- 3 – Usually
- 2– Occasionally/Sometimes
- 1 – Rarely
- 0– Never

The institution provides multiple opportunities to learn and grow. *

- 4 – Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0– Strongly disagree

The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth. *

- 4 – Significantly
- 3 – Very well
- 2 – Moderately
- 1 – Marginally
- 0– Not at all

You identify strengths of your students and encourage them by providing right level of challenges. *

- 4 – Fully
- 3 – Reasonably
- 2 – Partially
- 1 – Slightly
- 0 – Unable to

You are able to identify weaknesses of your students and help them overcome their weaknesses. *

- 4 – Every time
- 3 – Usually
- 2 – Occasionally/Sometimes
- 1 – Rarely
- 0 – Never

What are the Program Outcomes for the courses you taught and action taken after that? *

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

To develop the knowledge of the students about the latest technologies and the research related to it an assignment was given to them. In the assignment the students had to review 5-10 research papers on the current technologies. After completing the assignment, the students presented the review, their findings and problems found by them. Their presentation also included the possible solutions to the problems identified.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

The students are instructed to give a seminar on the applications related to the topics they study in a subject. The applications should be such that they are useful to the common people.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Encourage the students for industrial visit and internships. After the industrial visit the students submit a short report of their visit. The reports submitted by the students are assessed by a committee. The team with the best report is felicitated during department functions.


PO5: Modern tool usage : Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

A project exhibition was arranged at the end of the session in which the projects made by the final and third year engineering students were displayed. The students presented the projects to the evaluation team and the students and faculty that visited the exhibition.


PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

The students make wall magazine that is updated every month. On the wall magazine the students display articles, sketch and pictures related to the theme decided by them. The theme generally includes topics related to the subjects, latest inventions, scientists and sometimes days of national/ social importance.

Pls share what Innovation techniques have you implemented in your Teaching methods to make * your teaching effective during COVID. Pls upload valid documents to justify your claim.

 Improved Teachi...

Pls add your updated resume highlighting work done in the last academic session. *

 Anjum 2021-22 - ...

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Google Forms

Activities for the Academic Year 2021-22

1. Webinars organized (Coordinator) in the academic session 2021-22 for Department of ECE

Sr. No.	Webinar	Resource Person	Date
1	Webinar on “ Careers in the Disruptive Era” <i>In joint aiges with Association of Muslim Professionals , Mumbai</i>	Mohammad Zamir Hussain, AMP, Mumbai	8 Nov 2021
2	Webinar on “ Catch The Rain” <i>In joint aiges with Nehru Yuva Kendra, Chandrapur, Ministry of Youth and Sports Affairs, Govt. of India</i>	Dilp Deotale, Paani Foundation Nazir Qureshi, Social Activist	17 Dec 2021
3	Webinar on Remote Sensing in Coastal Region, <i>SPM Technical Lecture Series</i>	Mr. Mohammad Ashapq, Principal Hydrography Officer, National Hydrography Office, Deradun	28 June 2022

2 Other Events organized (Coordinator) in the academic session for Department of ECE in session 2021-22

Sr. No.	Event	Details	Date
1	Oreintation Session for First Year Students	The session included presentations by the faculties on topics like training & Placement, extension and outreach activities, meditation, opportunities ofr electronics engineers. <i>I was the coordinator and delivered a session on basic communication skills.</i>	8 Jan 2022
2	Value Added Course (<i>Employability Skill Enhancement</i>)	The two days event had sessions on leadership, communication skills, imporving English communication. <i>I was the coordinator and delivered a session on effective public speaking.</i>	30 & 31 May 2022
3	Community Based Project	I, along with a group of second year students visited an orphanage at Chunala village. We donated education materials and eatables. A session on sanitation and hygiene was conducted for the children of orphanage.	04 June 2022

3 . Papers Published

Sr. No.	Title	Conference /Journal	Date
1	Challenges and Issues of STEM Education,	Adv Mobile Learn Educ Res Journal	October 2021
2	Improvement of QoS Parameters of IoT Networks Using Artificial Intelligence	. Smart Innovation, Systems and Technologies, vol 243. Springer,	November 2021
3	An Automated Car Parking System by Using Programmable Logic Controller	International Research Journal of Engineering and Technology, Volume 9, Issue 3,	March 2022
4	A Secure Trust Based Routing Framework for Improving the QoS of Internet of Things Based Networks	Fourth International Conference on Computing and Communication Techniques, IEEE	December 2021
5	A Sidechain Based Method to Improve the Security of IoT Networks,	International E-conference on Computing and Data Science,	September 2021
6	An Energy Efficient Approach for The Security of IoT Networks using SCEER	1st International Conference on Informatics, PP 191-196	14-16 April 2022

4. Articles Published

Sr. No.	Title	Magazine/Portal	Date
1	Data Communication Challenges in Smart cities	IEE Potentials Magazine	May 2022
2	Role of Critical Thinking to Achieve Success in Academic	Teacher's Blog, fourthscreeneducation.com	15 Dec 2021
3	Internet of Things (IoT) for Smart Waste Management	Ulketz News Portal	16June 2022

5. FDP/workshops Attended

Sr. No.	FDP/Workshop	Organizing Agency	Date/Duration
1	Deep Learning Using MATLAB	Pantech, e Learning	17 March 2022- 22 March 2022
2	Deep Learning and Its Applications	Xavier Institute of Engineering, Mahim	05 July 2021- 10 July 2021
3	National workshop on Research and Development	NFED , Coimbatore, Tamil Nadu	21-23 October 2021
4	Body Language : Key to Professional success	NPTEL	4 Weeks Course: (July-Aug 2021)

6. Book Chapters Published

Sr. no	Name of Faculty	Book Chapter title	Name of the Book	Publishing agency	Date of publication
1	Dr. Anjum Qureshi	Challenges of Managing IoT Networks and Prospective Measures	Achieving Full Realization and Mitigating the Challenges of the Internet of Things	IGI,Global, USA	24 May 2022

7. Patent

Sr. No.	Name of Faculty	Title of Patent	Patent number	Date of Patent
1	Dr. Anjum Qureshi	Secure Communication for IoT Healthcare system Using Sidechain and Trust Based Routing	202121056329	10 Dec 2021

8. Guest/ Coordinator for Events at other Institute

Sr. No.	Organizing Institute/agency	Topic of the guest /expert lecture	Date
1	Jan Shikshan Sanstha-II, Chandarpur	Personality Development	6 Dec 2021
2	Jan Shikshan Sanstha-II, Chandarpur	Chief Guest for Women's Day (Removing Gender Bias)	8 March 2022
3	Nehru Yuva Kendra, Chandrapur, Ministry of youth and Sports Affairs, Govt. of India	Coordinator for Online Quiz and Essay competition on the occasion of swachta pakhwada (fortnight)	1 Aug 2021-15 Aug 2021

9. Events organized as Convenor of National Innovation and Startup Policy (NISP)

Sr. No.	Event	Resource Person	Date
1	Online Mentoring Session on Startup: Ideas Transformation	Dr. Z.J.Khan, Principal, RCERT, Chandrapur	16 Sep 2021
2	Online Mentoring Session on Grassroot Innovations and Entrpruenership	Dr. Saji Varghese, Assoicate Profesor, Christ University, Bangalore	20 Nov 2021
3	Ideathon: 2021	The teams of students from the various department of the college presented their ideas. Winner and runner up team was selected by the jury panel.	22 Nov 2021

10. Online Courses completed

Sr. No.	Course	Date and duration
1	Digital skills : Artificial Intelligence from FutureLearn	1 July 2021, 3 weeks
2	Gender Equality in Humanitarian Action from AGORA, UNICEF	27 July 2021
3	Career Coaching : Life Coach Certification from UDEMY	5 Aug 2021, 8.5 hours
4	Coping with Changes: Social-Emotional Learning through Play from FutureLearn	17 September 2021, 9 weeks

11. Responsibilities at College Level

Sr. No.	Role
1	Coordinator for College Annual Report, 2021-22
2	Coordinator for Newsletter (emigration -2k22) of Electronics & Communication Department for the session 2021-22,
3	Convener National Innovation & Startup Policy (NISP)
4	Member, Institute Innovation council (IIC)
5	Member, Internal complaint Committee (ICC)
6	Students Activity In-charge, Department of Electronics & Communication
7	Second Year Incharge, Department of Electronics & Communication
8	Department Coordinator, NPTEL

12. Awards/Recognitions

Sr. No.	Award/Recognition	Date
1	Top 20 Revolutionary Education Leaders for the year 2020, ULEKTZ wall of fame	01 July 2021
2	Young Educator and Researcher Award at 12 National Teacher's Day Award, NFED, Coimbatore	05 September 2021
3	AMP'S 5 th National Award for Excellence in Education 2021	05 September 2021
4	Top 20 Expert Faculties in the field of Electrical, Electronics, Civil, Mechanical and Aeronautical Engineering , ULEKTZ wall of fame	30 September 2021
5	Global Teacher Award, 2021, AKS Education Awards, Delhi	24 October 2021
6	Golden Woman Power Award, IDYM Foundation	8 March 2022
7	Indian Woman Talent Award, Nirgia Brand Promoters	8 March 2022
8	Inspiring Woman Award, Fourth Screen Education	8 March 2022

9	Top 20 Influential Researchers in Indian higher Education for the year 2021, ULEKTZ wall of fame	31 March 2022
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13. Judge for Competitions

	Event	Date
1	“Internal Hackathon “, organized by Institute Innovation Council at Rajiv Gandhi College of Engineering Research & Technology, Chandrapur	15/03/22
2	Debate Competition on “ World Books Day” held at Rajiv Gandhi College of Engineering Research & Technology, Chandrapur	23/04/22
3	“ Market a Digital Product” organized on IEEE Global Engineering Day at Rajiv Gandhi College of Engineering Research & Technology, Chandrapur	13/05/22
4	Project Competition held at Department of Electronics & Communication Engineering , Rajiv Gandhi College of Engineering Research & Technology, Chandrapur	22/06/22
5	District Level Essay competition on the occasion of Bharat ka Amrit Mahotsav organized by Nehru Yuva Kendra, Chandrapur, Ministry of Youth & Sports Affairs, Govt. of India	24/12/2021
6	Evaluator for the Pre-Screening round of Smart India Hackathon 2022	04/06/22

Subjects Taught in the Current Academic Year

1. Advanced Microprocessor (5 Sem Electrical Engg.)
2. Signals & System (4 Sem Electronics & Communication Engg.)
3. Basic Human Rights (4 Sem Electronics & Communication Engg.)
4. Digital Logic Design and Microprocessor (4 Sem Computer Science & Engg)

Methods Implemented for Effective Teaching during Covid Period

1. Conducted the regular classes through Google meet.
2. Created Google classroom for the subjects that I taught during those semesters. Some of the activities conducted through Google classroom were:
 - a. Online Quiz once a week based on the subject.
 - b. Online assignments with short questions of one/two marks at the end of the month during the semester.
 - c. Groups with five students each were formed and a topic for case study was assigned to each group. Each group presented the progress of the case study during the time slots assigned to them.
3. Some of the activities assigned to the students related to the communication skills were written and submitted through the Google classroom.
4. Books and notes related to the subject were shared through Google classroom and Whatsapp.
5. I was member of the RCERT online study section (ROSS) formed in the college during the pandemic. The activities conducted by the cell include"
 - a. Training on ICT tools for the teachers to acquaint them with applications like Google meet, Google form, Google sheet, Google Docs, and Google classroom. Our team trained the teachers of our college i.e. Rajiv Gandhi College of Engg. , Chandrapur, and of three schools including Ideal Convent, Ballarpur, Crescent School, Ballarpur and Rafi Ahmed Qidwai High School, Chandrapur.
 - b. All the members were assigned tasks of organizing webinars for the students and faculty for their respective department. The primary aim of the webinars was to continue the tradition of the college in bringing experts from Industry and academic institutions to upgrade the knowledge of students and faculty. The webinars organized by me as a coordinator were: (i) Developing Critical Thinking Skills (ii) 3D Printing and (iii) Internet of Thing using Rasberry Pi

The responsibilities of the coordinator included communicating with the resource persons, designing flyer and certificates and managing the webinar over the Google Meet Platform. Given below are the flyers of the events.

Sardar Patel Memorial Society's (Trust)
RAJIV GANDHI COLLEGE OF ENGINEERING
RESEARCH & TECHNOLOGY, CHANDRAPUR
 RCERT Online Study Section (ROSS) &
 Department of Electronics & Communication Engineering

Organizes
WEBINAR ON
DEVELOPING CRITICAL THINKING SKILLS



RESOURCE PERSON
Mr. SHEIKH ZAKIR HUSSAIN
 Sr. Manager/Area Planning Officer, PENCH
 Area, Parasia (Madhya Pradesh)

DATE 27 JUNE 2020
TIME : 4:00 PM TO 5:00 PM
ALL THE PARTICIPANTS WILL EARN E-CERTIFICATES
No Registration Fees. Limited Seats only

LAST DATE FOR REGISTRATION: 26 JUNE 2020 (before 5:00 PM)
 Online Platform : Google Meet
 Registration Link: <https://forms.gle/k31XnnxSKFQXGsNz8>
 For queries drop an email to : anjnaznus@gmail.com
 Staff Coordinator: Prof Anjum Qureshi

PROF. P. B. THAWARI
HOD, ECE

DR. Z.J.KHAN
PRINCIPAL

Flyer for Webinar on Developing Critical Thinking skills

Sardar Patel Memorial Society's (Trust)
RAJIV GANDHI COLLEGE OF ENGINEERING
RESEARCH & TECHNOLOGY, CHANDRAPUR
 RCERT Online Study Cell (ROSC)
 Department of Electronics & Communication Engineering

Organizes
Webinar on
3D PRINTING & IT'S APPLICATIONS



Resource Person
Dr. Asha Ambhaikar
 Professor & Dean Students Welfare,
 Kalinga University, Raipur

Date : 10 July 2020 Time 3:00 PM to 4:00 PM
 Last Date to Register: 8 July 2020 (Before 5:00 PM)
 No Registration Fees Online Platform: Google Meet

Registration Link : <https://forms.gle/e3JKdcEbgTT1Uxbs>
 Telegram Link: <https://t.me/joinchat/L-1z7R22SSvOqfzYbCoMMw>

Organizing Committee

Prof. P.B. Thawari
HoD,ECE

Dr. Z.J.Khan
Principal & Convenor

Prof. Anjum Qureshi : Webinar Faculty Coordinator

E- Certificates will be provided to all the Participants
 For any queries drop an email to : ecwebinars2020@gmail.com

Flyer for webinar on 3D Printing

6. With an aim to generate awareness regarding COVID-19 among the people, I initiated a Covid Awareness Quiz on the behalf of our department. The online quiz had a set of questions related to covid-19. The quiz was open to everyone and the persons scoring above 40% in the quiz received a e-certofocate.
7. Next activity was organizing a **Webinar on ITL process Foundation** as a part of the Sardar Patel Memorial Technical Lecture Series.



The flyer is for a webinar titled "Sardar Patel Memorial Technical Lecture Series" organized by the Department of Electronics & Communication Engineering. The guest speaker is Mr. Abdul Razaq Qureshi, Associate Consultant at Tata Consultancy Services, Pune. The webinar is scheduled for May 29, 2021, from 3 to 4 PM on Google Meet. The organizing committee includes Prof. P.B. Thawari (HoD, ECE), Prof. Anjum Qureshi (Faculty Coordinator), and Dr. Z.J. Khan (Principal). The flyer also features the logos of Rajiv Gandhi College of Engineering Research & Technology, Chandrapur, and a B+ accreditation logo.

**RAJIV GANDHI COLLEGE OF ENGINEERING
RESEARCH & TECHNOLOGY, CHANDRAPUR**

Sardar Patel Memorial Technical Lecture Series
Department of Electronics & Communication Engineering
Organizes a Seminar on
ITIL PROCESS-FOUNDATION

Guest Speaker
Mr. Abdul Razaq Qureshi
*Associate Consultant,
Tata Consultancy Services, Pune*

Date: May 29 2021 , Time: 3 - 4 PM
Platform: Google Meet

Organizing Committee
Prof. P.B.Thawari
HoD,ECE
Prof. Anjum Qureshi, Faculty Coordinator
Dr. Z.J.Khan
Principal

Flyer for Webinar on ITIL Process foundation

8. Was resource person for the webinar on "Yoga and Wellness" organized by Nehru Yuva Kendra, Chandrapur, Ministry of Youth and sports Affaris, Govt. of India and coordinator for the online quiz on the occasion of yoga day held on 21 June 2021.

नेयुके : 5127



नेहरु युवा केन्द्र, चंद्रपुर
NEHRU YUVA KENDRA, CHANDRAPUR



विला कार्यालय
नेहरु युवा केन्द्र संगठन
युवा कार्यक्रम तथा खेल मंत्रालय
भारत सरकार

District office of the
NEHRU YUVA KENDRA SANGATHAN
Ministry of Youth Affairs & Sports
Government of India

NYK/Chand/019/2021-22

Date : 24.06.2021

To,
Prof. Anjum Qureshi
Rajiv Gandhi College of Engineering
Chandrapur

Subject : Letter of Appreciation

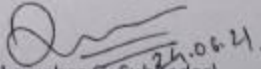
Respected Madam,

I would like to thank you for delivering a webinar on "Yoga and Wellness" and conducting "Online Yoga Quiz" on 22nd June, 2021 as a part of the celebration of International Day of Yoga 2021.

I hope your guidance and support will continue in future also

Thanking you,

Yours Sincerely,


(Shamsheer G. Subfedar)

Dist. Youth Officer, NYK, Chandrapur

9.

Letter received from Nehru Yuva Kendra.