

7.2 Best Practices: Following is the list of various best practices carried out in the college

- Making Continuous efforts in enhancing the Personality Quotient (PQ) of the students.
- Organization of National conference and paper presentation competition for students-“SPARK”.
- Organization of National and International Conferences
- Efficient implementation of curriculum for effective learning outcome.
- Campus recruitment Training
- Innovative teaching learning practice using modern teaching aids.
- Best Student Award.
- Vibrant student forums.
- Financial assistance scheme for students.
- Development of infrastructure and learning resources.
- Visit to industries and live work sites.
- ‘Navonmesh’ -founders Day Celebration.
- Book bank facility.
- Academic Monitoring Practice- Teacher-guardian scheme
- Entrepreneurship development cell
- Incubation centre
- Club Robot
- Club Auto
- E-Yantra
- NPTEL online courses
- Students activity centre
- Student-mentor Scheme
- Value added courses
- Teacher Training Programs
- Facilitation Centre for Online and Offline Examinations
- Crash Courses for 12th standard students from rural areas

Describe at least two institutional best practices: Out of the above list, we are describing two best practices below.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link :

Best Practice – I

1. Title of the Practice This title should capture the keywords that describe the Practice.	Making Continuous efforts in enhancing the Personality Quotient (PQ) of the students.
2. Goal Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words.	<ul style="list-style-type: none"> • Prepare them on problem solving skills. • Provide symbolic, verbal, and graphical interpretations of statements in a problem description. • Make them able to understand team dynamics & effectiveness. • Make them create awareness on Engineering Ethics and Human Values. • Instill Moral and Social Values, Loyalty and also to learn to appreciate the rights of others. • Inculcate analytical thinking process.

	<ul style="list-style-type: none"> • Transform the students and make them ready for Campus recruitment.
<p>3. The Context Describe any particular contextual feature or challenging issues that had to be addressed in designing and implementing the Practice in about 150 words.</p>	<p>Major percent of our success in life is based on our ability to communicate with and get along with others. Therefore, a meager percent is based on our technical ability. Communication ranks among the top five skills sought out by most employers, and one of the most difficult to find in the average students.</p> <p>Undoubtedly, communication skill is an important aspect of a successful career. To be effective, you need to understand how you communicate what is most important to you. Then learn how others communicate, and how to simply adjust your style to connect more effectively with them.</p> <p>KDKCE conscientiously moved ahead with an effort in developing personality quotient of its stakeholders through numerous activities that provide platform to showcase their talents and make them notice every nuance of varied personality.</p>
<p>4. The Practice Describe the Practice and its implementation. Include anything about this practice that may be unique in the Indian Higher Education. Also identify constraints or limitations, if any in 400 words.</p>	<p>In pursuance of transforming the students and making them ready for Campus recruitment, college adapts the strategy of fusion of co-curricular and extra-curricular activities. The program outcomes along with course outcomes are achieved through well-thought activities, which make students to bring-in positive changes and explore the excellence within them. Through the meticulous assessment of the student's attainment of PO & CO in each semester, college administration, through the IQAC advisory members, suggests various co-curricular and extra-curricular activities to be undertaken for the students so as to achieve the objective. The college, then based on the nature and extent of the activity, ask the head of departments to plan and act. A coordinator/incharge of the activity is decided in the meeting and modalities are worked out. The event committee invites students to participate. The event is held with its entire objective leading to development of personality quotient. Success of every activity inculcates personality traits in the participating students. Many such activities are conducted every year for the intended purpose.</p> <p>List of activities that were undertaken in recent year are as follows:</p> <p>Debate, Robot war, Robot race, Student's Parliament, Layout planning, Bridge-it, Amplifia, PLC design, Student Development Program, Expert Lecture, EESA (Electrical Engineering Students Association), MESA (Mechanical Engineering Students Association), CESA (Civil Engineering Students Association), FACE-IT (Students Association of CT & IT Departments), ISF, ICI activities, Industry visits, Entrepreneurship Development programsetc.</p> <p>Navonmesh, Annual Sports Meet comprising of indoor and</p>

	<p>outdoor games, Marathon, activities undertaken by the students' associations, Garbha Fest, Kite festival, Freshers Day, Yoga Day etc.</p> <p>Extension Activity: Environment Awareness and tree plantation drive, donations to Orphanage, Blood donation camps, Organ donation awareness, drug de-addiction campaign, Neki ki Deewar, Avishkar- science Model and poster competition for schools and junior college students, Nirman- Project competition for Polytechnic students, career counseling, adoption of village, cleanliness drive, energy saving, no plastic use, etc.</p> <p>Research activity: SPARK, International Conference, presentation skill competition, etc.</p>
<p>5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks and review results like What do these results indicate? Describe in about 200 words.</p>	<p>This practice has become the preeminent practice of the institute, imbuing behavioral competency and encouraging students to work in a spirit of unity and camaraderie. The students who enter the engineering education get transformed into competent professionals with improved personality traits. Many students excel in university/state/national level activities and have won accolades. The list is a testimony to the success of the practice</p>
<p>6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice in about 150 words.</p>	<p>Problem encountered and resources required:</p> <ul style="list-style-type: none"> • At the first instance, reluctance of the students to participate in the activity • Societal impact on the thought process of the students making them hesitant at the initial level. • Sense of thrashing in the competition. University Academic schedule and its precariousness <p>Resources required:</p> <ul style="list-style-type: none"> • Counseling of the students to make them participate. • A team of experts for the assessment process • Motivation & encouragement through awards and prizes.
<p>7. Notes (optional) Any other information that may be relevant and important to the reader for adopting/ implementing the Best Practice in their institution about 150 words.</p>	
<p>8. Contact Details Name of the Principal: Name of the Institution: City: Pin Code: Accredited Status: Validity Period: Work Phone: Fax: Website: E -mail: Mobile:</p>	<p>Name of Principal: Dr.D.P.Singh Name of the Institution: KDK College of engineering, Great Nag Road, Nandanvan Nagpur-440009 College Phone: 0712 271 0030 Fax: 0712-2713658 Website: www.kdkce.edu.in Email: principal@kdkce.edu.in Mobile: 094221 15338</p>

Best Practice II

<p>1. Title of the Practice This title should capture the keywords that describe the Practice.</p>	<p>Organization of National Conference and Paper Presentation competition for students - ‘SPARK’</p>
<p>2. Goal Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words.</p>	<ul style="list-style-type: none"> • Inculcate analytical review habits. • Make them able to understand symbolic, verbal, and graphical interpretations of statements in a problem description. • Make them able to understand and assimilate research findings and write a technical paper. • Create awareness on professional and social ethics. • Develop their presentation skill. • Make them learn the application of modern tools. • Develop in them the leadership quality and communication skill. • Motivate them to take up latest technological advancements in their presentations.
<p>3. The Context Describe any particular contextual feature or challenging issues that had to be addressed in designing and implementing the Practice in about 150 words.</p>	<p>Engineering is a profoundly creative process and technology is an outcome of engineering. It is important for the students to understand the changes that are taking place in engineering & technology throughout the world. The best way to know the development is reviewing the research papers, understanding the application and taking up further for the study. It also includes presenting the findings and its application and discussing the future of engineering through scientific breakthroughs that might occur along the way. To make it happen, the students must be provided suitable platform. We at KDKCE, initiated this process 12 years ago and it has become our USP.</p>
<p>4. The Practice Describe the Practice and its implementation. Include anything about this practice that may be unique in the Indian Higher Education. Also identify constraints or limitations, if any in 400 words.</p>	<p>This national level conference for students has been conducted in the college since 2005. Every year, any one department is given the responsibility of its conduction on rotation basis. The administration, along with the head of departments, nominate the convener for the seminar and a committee is constituted that comprises of the faculty members from all the departments, to look after various activities of the seminar viz. communication, calling papers in their respective domains, screening, selection, hospitality, inauguration, proceedings, evaluation, awards, valedictory etc. The participation includes students from other states also. The interaction of students with experts, readily brings out the academic values among the students.</p>
<p>5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks and review results like What do these results indicate? Describe in about 200 words.</p>	<p>The conduction of the event since 12 years, is a testimony of providing a platform for the students to exhibit their technical talent. With the passage of every year, college is witnessing the participation of more and more numbers. The participation of the students from other institutes of the region became the encouraging factor. The quality of papers, the deliberations, the discussions on engineering & technology advances, etc. have</p>

	the permanent footprints of success. The content of the proceedings can depict the legacy of success of the event and undoubtedly, it has become the best practice of the institute.
6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice in about 150 words.	<ul style="list-style-type: none"> • Students lack of knowledge in proper review of the literature and taking out notes. • Writing statement of the research finding Presentation fear. Resources required:- <ul style="list-style-type: none"> • Open access to the available literature • Guidance, encouragement and motivation for the write-up and presentation. • Expert panel for verification and scrutiny of papers. • A complete team under the leadership of convener for successful completion of competition. • A team of expert judges. ICT infrastructure.
7. Notes (optional) Any other information that may be relevant and important to the reader for adopting/ implementing the Best Practice in their institution about 150 words.	
8. Contact Details Name of the Principal: Name of the Institution: City: Pin Code: Accredited Status: Validity Period: Work Phone: Fax: Website: E -mail: Mobile:	Name of Principal: Dr.D.P.Singh Name of the Institution: KDK College of engineering, Great Nag Road, Nandanvan Nagpur-440009 College Phone: 0712 271 0030 Fax: 0712-2713658 Website: www.kdkce.edu.in Email: principal@kdkce.edu.in Mobile: 094221 15338

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

The vision of the Institute is: “Service to the Society through Quality Technical Education”.
In the process of achieving the vision, we believe in exploring, identifying and bringing out the inner excellence of the students along with their all round development and grooming.
This includes academic, co-curricular, extra-curricular, sports, extension activities, ethics, human values, technical knowledge, leadership quality, research aptitude, communication skill, etc. These activities are carried out throughout the year in the form of :

1. Guest Lectures/ Seminars/ Workshops/ NPTEL Videos/ power point presentations
2. SPARK-Research/ paper presentation/
3. Annual social gathering, Navonmesh- Cultural Activities/ Debate/ Quiz/ Rangoli/Mehendi/ Dance/ Drama/ Singing/ Rock Band/ Personality contest/ Nail art/ Antakshari
4. Campus Recruitment Training- These training programs are organized by the training and placement department for the overall personality development and making the students competent for placement
5. Projects- Students of the final year are encouraged to take up innovative projects with societal issues
6. National Festivals- These are organized in the campus to imbibe human values, ethics and patriotism in the students

7. Induction program for incumbents- Under the induction program, activities like sports, cultural, fundamental knowledge about the subjects, communication skill and motivational and psychological lectures are undertaken.
8. College promotes the students to participate in inter-college/ University Level/ State level/ national level competitions.
9. Sports- various indoor and outdoor games are conducted in the campus viz. Chess, Carom, Table tennis, Gymnasium, Basket ball, volley ball, cricket, Tug-of-war, for good physique, ethics and leadership
10. Student Associations/ Forum- Activities are organized for the development of technical skills, ethics and human values through extension activities.
11. Avishkar and Nirman- These science model, poster and technical project competitions are organized for school, junior college and polytechnic students. These events are successfully handled by the students of our college, thus inculcating leadership, management, organizational and communication skill in them.
12. Extension activities: Swachhata abhiyan, anti-drug rally, street play, etc.
13. Incubation centre is available in the campus for the benefit of students
14. Entrepreneurship development cell is available in the campus and carries out programs for the benefit of students
15. Summer internship for students
16. Projects are conducted in collaboration with industries
17. Professional chapters , like, ICI, IETE, CSI etc.
18. NPTEL chapter is active and staff and students are registering and are completing various online courses.
19. Student activity centre is vibrant and carries out various activities
20. Hobby club for students
21. Facilities like, E-Yantra, Club Robot, Club Auto are available in the campus

The institute also works for the upliftment of the society.

1. The students of the nearby village schools, junior colleges and polytechnic colleges are motivated to participate in various competitions organized by the college for them, to bring out their scientific and technical skills and make them aware about the various options available for study after the completion of their 12th or Polytechnic.
2. College also takes up outreach activities which include, distribution of clothes, books, etc. to the needy through visits to orphanages, old age homes, etc.
3. Career counseling for students from nearby villages
4. Campaigns are undertaken to educate the village people and make them aware about the use of internet for banking, transferring money, etc.
5. The people from nearby localities are made aware about saving electricity, water, food etc.
6. They are explained how tree plantation can create a better, pollution free environment
7. Outreach programs: Blood donation, Cloth donation, books donation, Promotion of gender equity, Awareness about environment and saving energy etc.
8. Crash courses are conducted for students from rural areas

Thus, the various activities conducted in the college gives a boost to the overall personality of the students and they are transformed into disciplined, well mannered, technically sound with the required skills, ready for serving the society as quality engineers.