

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



**Bapuji Educational Association®**  
**Bapuji Institute of Engineering and Technology**

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

<b>Criterion</b>	<b>7</b>	<b>Institutional Values and Best Practices</b>
<b>Key Indicator</b>	<b>7.2</b>	<b>Best Practices</b>
<b>Metric No.</b>	<b>7.2.1</b>	<b>Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual</b>

### Best Practice-I

**1. Title of the Practice: Counseling and skill development programs for students - “Diksoochi”**

**2. Objectives of the Practice:**

1. To create a conducive teaching-learning environment enabling both students and teachers to deliver their best.
2. To provide a strong support system between Mentor and Mentee.
3. To develop a strong counselling system which imparts confidence in students and equip them to face challenges of this ever changing modern world.
4. To develop students so that not only their academic performance but their overall personality will be improved.

**3. The Context:**

Most of the students being admitted to our institute are from rural backgrounds. Many of them are from poor families. Most of them have been brought up in an environment which lacks encouragement to education. This has been the major challenge for our institute to design a foolproof system to systematically monitor their performance and guide them for improving their performance. In addition to this, most of the parents or guardians of the students joining our institute are also from a rural background

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



## Bapuji Educational Association® Bapuji Institute of Engineering and Technology

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

and lack education. Hence, along with training the students, more emphasis is given for making the parents / guardians aware of the importance of education and development of overall personality.

#### 4. The Practice:

1. For monitoring the continuous performance of the students, one faculty will be made as Mentor for every 15 students.
2. Mentor involves himself in building up a good rapport with the students.
3. Non curricular issues like non-participation in extra and co-curricular activities, poor communication, difficulties in hostels, problems related to behaviour and mixing with other students are also addressed by the mentor.
4. Performance reports of the students will be regularly sent to the parents/guardians and if necessary parents / guardians will also be counselled.
5. Lists of poor performing students are prepared department wise and additional classes / counselling sessions will be held separately.
6. For first year students a 15 day Orientation programme will be separately arranged which is cautiously designed to impart in them the required level of confidence. In this orientation program students will be enlightened on various matters like institute timings, course contents, faculties available in various departments, library facilities, contact persons, internet facilities, sports facilities, extra-curricular activities, etc.
7. Mentors will also advise students to participate in activities of NCC, NSS, Lead Cell, Students Council, etc.
8. In addition to this 'Diksoochi', every department has a separate forum in which the students can showcase their talents and get proper exposure. For first year students, there is a separate Science Forum established which conducts many events for the overall development of the students.

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



## Bapuji Educational Association® Bapuji Institute of Engineering and Technology

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

### 5. Evidence of Success:

1. Students' attendance in the classes has been drastically increased due to proper counselling.
2. Examination results are improving and the success rate is more than 90%.
3. Placement has been excellent and there is more than 80% placement among the eligible students.
4. There is an increase in the paper presentation and participation in quiz and other activities by students.
5. Students have shown more interest in Industrial visits, industry related projects and invited talks.
6. There is more participation observed in blood donation camps, NCC, NSS and forum activities. Number of students taking part in sports activities is also increasing.

### 6. Problems encountered and Resources Required:

1. Many students entering our institute are from rural areas and from poor families.
2. Even the parents or guardians are not aware of the importance of education.
3. Most of the students are from Kannada medium and lack good English communication skills.
4. Hence, motivating the students to improve their overall personality is the biggest challenge encountered.
5. The first resource required is a band of trained teachers who can effectively communicate and convince students. Institute is putting efforts in training the teachers in this regard.
6. Institute also gives all facilities for conducting parents meet regularly.

7. **Notes (Optional):** Through 'Diksoochi' all efforts are made to extend proper counseling to students. Mentors are trained properly for better interaction. 'Diksoochi' has strengthened the minds of the students which has been clearly indicated in their performance. By interacting with the students, faculty also have improved a lot and designed suitable teaching-learning processes.

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



**Bapuji Educational Association®**  
**Bapuji Institute of Engineering and Technology**

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

## Best Practice-2

1. **Title of the Practice:** Project based learning and Industry interaction - 'Jnana Soochi'

### 2. Objectives of the Practice:

1. To promote innovative thinking among students and faculty through their participation in industry related projects.
2. To bridge a strong bond between industry and institute.
3. To create entrepreneurship qualities in students.
4. To make students capable of sustaining in this modern ever challenging and changing world.

### 3. The Context:

There is a general feeling that only about 15-20% of the graduates emerging out of technical institutions are employable. As per the surveys and our own input, there is a big gap between the contents of the curriculum and the requirements of the present day industries. Overall skill shortage among the students has drastically reduced their employability and sustainability in industries. These are the major challenging issues in moulding the students to adopt the present day requirement. The management of Bapuji institute of Engineering and Technology has to deliver the above said attribute in order to make an impact on the engineering educational map of India. The management has decided to act in the required direction and the outcome is the 'Jnana Soochi'.

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



## Bapuji Educational Association® Bapuji Institute of Engineering and Technology

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

#### 4. The Practice:

1. Persons working in industries will be invited and students along with staff will interact with them regarding their project works and other areas.
2. Six weeks internship training will be given to all the students in different industries. Even many students have got employment in the industries in which they underwent training.
3. Seminars and symposiums will be arranged in the institute where people from reputed research institutions, industries and consultants will be invited. Students and staff will have ample opportunity to interact with them.
4. Many industrial and site visits will be arranged for the students so that they can actually see the happenings in the industries.
5. Projects undertaken by various engineering disciplines are of industrial importance with research orientation. Even our faculty will be benefited by such projects.
6. Students are encouraged to undertake interdisciplinary projects allowing them to get exposed to wider engineering domains.
7. Curriculum gaps will be systematically analysed and the required additional inputs are given.
8. Many soft skill training programs will be arranged throughout the year and effort will be made to impart the required soft skill component to the students.

#### 5. Evidence of Success:

1. Placement has been drastically increased for the last four years. Number of MOUs with industries is also increasing.

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



## Bapuji Educational Association® Bapuji Institute of Engineering and Technology

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

2. Number of industry-oriented projects has increased. Many student projects are given financial assistance by the State Council for Science and Technology, University, New Age Incubation Centre, etc.
3. Many student projects have received awards in the project exhibitions. BIET has won the “**Best College**” award six times in the state level project exhibitions organized by KSCST.
4. There is a rise observed in student participation in the seminars and symposiums conducted by other institutes.
5. There is a rise observed in the number of faculty projects funded by different agencies.
6. Number of faculty pursuing Ph.D. has been found to be increasing.

### 6. Problems encountered and Resources Required:

1. Some of the projects require basic research in some areas and the Institute is trying hard to establish additional facilities.
2. For many funded projects the sanctioned amount will not be sufficient and the institute is providing the additional support.
3. Number of industries in the nearby area is less. Efforts are made to contact industries located at different places.
4. Alumni participation in the institute affairs needs to be improved and additional efforts are being done in this regard.

**Notes (Optional):** ‘Jnana Soochi’ is a word indicating the efforts of the institute for enhancing the inputs given to the students. Through this module, much success has been witnessed over the last three years. Some more efforts are needed to increase the industrial interaction, so that a strong interphase between Institute and industry is established in days to come.

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Website : www.bietdvg.edu  
e-mail : principal@bietdvg.edu

Office : 08192-221461  
Principal : 08192-220938  
Director : 08192-222245  
Fax : 08192-223261



**Bapuji Educational Association®**  
**Bapuji Institute of Engineering and Technology**

Post Box No.: 325, Davanagere – 577 004, Karnataka, India  
(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)

Accredited by NAAC with 'A' grade and NBA  
Recognized by UGC, New Delhi under 2(f) and 12(B)

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ -577 004

**Supporting Documents / Additional Information:**

Sl. No.	Description	Link for the Document
1	Placement details.	<a href="#">View document</a>
2	MoUs with industries.	<a href="#">View document</a>
3	KSCST Funded projects.	<a href="#">View document</a>
4	Faculty projects funded.	<a href="#">View document</a>
5	Industrial visits (Sample Report).	<a href="#">View document</a>
6	Mentor mentee report (Sample Report).	<a href="#">View document</a>
7	Students training details.	<a href="#">View document</a>
8	Project Exhibition.	<a href="#">View document</a>
9	NAIN Funded Project details.	<a href="#">View document</a>
10	VTU Funded Project details.	<a href="#">View document</a>

**Vision:** To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

**Mission:** BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.