



Janata Shikshan Prasarak Mandal's

Babasaheb Naik College Of Engineering

Pusad, Dist , Yavatmal (M.S.) 445215

Estd. 1983

Grade "A" Institute.
Courses Accredited by NBA
UGC Recognition 2 (f) & 12 (b)
ISO 9001 : 2008 Certified.
Approved by AICTE, New Delhi.
Recognized by D.T.E., Govt. of Maharashtra.
Affiliated to S.G.B. Amaravati University

IMPETUS²⁰¹⁴



Impact of Technology





Vision

To become the preferred provider of quality, state art technical education that satisfies the nation requirement of excellent technical manpower.

Mission

To improve continually our teaching-learning process and enhance research activities to meet needs of students, industries and society; allowing us to proper as a lead technical center.

COLLEGE MAGAZINE 2013-14

Faculty Advisers

Prof. S.K. Sarkate	I/C, College Magazine
Prof. A.V. Khapare	I/C, Marathi section
Prof. S. P. Rathod	I/C, Hindi section
Prof. A. A Patil	I/C, English section
Prof. S.I. Khan	I/C, Urdu Section
Prof. P. B. Niranjane	I/C, Report and Sanskrit section

IMPETUS 2014 TEAM



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Co-editor: Ms. Prinkya A. Patil (4UB)

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Sanskrit Section Editor: Ms. Raunak Bhagat(3UB)
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प्रथम तुला वंदितो...

IMPETUS
2014



वक्रतुण्ड महाकाय सूर्यकोटिसमप्रभ।
निर्विघ्नं कुरुमे देव सर्वकार्येषु सर्वदा।।



या कुन्देन्दुतुषारहार धवला या शुभ्रवस्त्रावृता
या वीणावरदण्डमण्डितकरा या श्वेतपद्मासना ।
या ब्रह्माच्युतशङ्करप्रभृतिभिर्देवैः सदा वन्दिता
सा मां पातु सरस्वती भगवती निःशेषजाड्यापहा ।।

संस्थापक : जनता शिक्षण प्रसारक मंडळ
कै. वसंतरावजी नाईक यांचे
बाबासाहेब नाईक अभियांत्रिकी महाविद्यालय परिवारातर्फे
विनम्र अभिवादन



“शेती संपन्न झाली तर देश संपन्न होईल,
लोकशाही संपन्न होईल, शेती मोडली तर देश मोडेल.”
कै. वसंतरावजी नाईक!.....

जनता शिक्षण प्रसारक मंडळ द्वारा संचालित
बाबासाहेब नाईक अभियांत्रिकी महाविद्यालय परिवारा तर्फे
कै. सुधाकररावजी नाईक यांच्या
तेराव्या स्मृतिदिनानिमित्त (१० मे जलसंधारण दिवस) कृतज्ञ पुण्यस्मरण



“गावातील पाणी गावात, शेतातील पाणी शेतात.”
“जलसंधारण काळाची गरज आहे, वेळीच जलसंधारण केले नाही तर,
महाराष्ट्राचे वाळवंट झाल्याशिवाय राहणार नाही.”
कै. सुधाकररावजी नाईक !.....

Jewels in the crown

University rank Holders



Mr. Manish S. Lande

ME (CAD-CAM)
1st MERIT IN M.E. MECHANICAL ENGG.
(CAD-CAM) (CGS) (CGPA-8.97)



Ms. Neha V. Kakani

ME (Comp. Science & Engg.)
1st MERIT IN M.E. COMP. SCIENCE & ENGG. (CGS)
(CGPA-8.71)



Ms. Snehal M. Mundada

ME (Comp. Science & Engg.)
2nd MERIT IN M.E. COMP. SCIENCE & ENGG. (CGS)
(CGPA-8.67)

Gate 2014 Qualifiers



Ms. Kshipra Nistane (4U)

(Gate Score: 23.13)



Mr. Tukaram Sarkate (4M)

(Gate Score: 37.24)

The institute is proud of you....

Janata Shikshan Prasarak Mandal, Pusad

BRIEF PROFILE :

The Janata Shikshan Prasarak Mandal has been established as a registered society in 1960. The institution was founded with the inspiration of Late Shri. Vasantaoji Naik, Ex. Chief Minister of Maharashtra State with joint efforts of Late Shri. Babasaheb Naik, Late Shri. Deoraoji Patil Chondhikar, Late Shri. Annasaheb Deshmukh and Late Shri. Sudhakarraoji Naik Ex. Chief Minister of Maharashtra State & Governor of Himachal Pradesh.

The Institution started at Pusad with the aim to provide educational facilities to the community. The town Pusad is only 45 Kms. away from the town of Mahur which is one of the Shakti Peeth that stands amongst the green hills in the district Nanded with its rich religious, Political and Educational background.

The institution has started its work of catering education by opening Phulsing Naik Mahavidyalaya on 20th June 1961. At present the institution is recognized as a versatile institution and actively participating in educational, social and cultural and development activities in the state of Maharashtra.

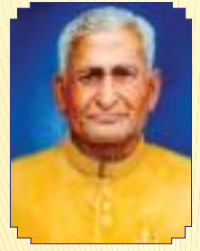
ADMINISTRATION :

The executive body formulates policies for all matters including Academics, Campus development, Administration and Finance including resource generation. The members of executive body have outstanding achievements, in the fields of education, Industry business and administration. The executive body is given as below :

President	-	Shri Jai Sudhakarrao Naik
Secretary	-	Shri Manoharrao Rajusing Naik
Member	-	Dr. Nuruddin Pirbhai Hirani
Member	-	Adv. Govardhandas K. Soni
Member	-	Shri Vijay Deorao Patil (Chondikar)
Member	-	Shri Deepak S. Asegaonkar
Member	-	Shri Suresh M. Jadhao
Member	-	Shri Nevin Badruddin Hirani
Member	-	Shri Shankar Chandrabhan Dhage
Member	-	Shri Anil Madhukarrao Naik

OBJECTIVES OF ORGANIZATION :

The Janata Shikshan Prasarak Mandal aims at promoting the whole personality so that totality of human excellence is achieved in the development of soul spirit and body and be the torch-bearers in the world.



Our Inspiration
Late Shri Babasaheb Naik



Founder J.S.P.M.
Late Shri Vasantaoji Naik
Ex. Chief Minister, Maharashtra State



Founder Secretary
Late Shri Sudhakarrao Naik
Ex. Chief Minister, Maharashtra State
& Ex-Governor, Himachal Pradesh



Secretary J.S.P.M.
Shri Manoharrao Naik
Minister for Food & Drugs Administration
& Special Assistance,
Maharashtra State



President J.S.P.M.
Shri Jai S. Naik

THE INSTITUTIONS MANAGED BY JANATA SHIKSHAN PRASARAK MANDAL

S.N.	Name of the Institute	Year of Establishment
1.	Phulsing Naik Mahavidyalaya, Pusad	1961
2.	Phulsing Naik Mahavidyalaya Boys Hostel, Pusad	1961
3.	Kamla Nehru Girl's Hostel, Pusad	1983
4.	Babasaheb Naik College of Engineering, Pusad	1983
5.	Dr. N.P. Hirani Institute of Polytechnic, Pusad	1983
6.	Sudhakarrao Naik Institute of Pharmacy, Pusad	1984
7.	Janata Shikshan Prasarak Mandal Hostels, Pusad	1984
8.	Janata Shikshan Prasarak Mandal Vidyalaya, Bansi	1984
9.	Backward Class Hostels, Pusad	1989
10.	Backward Class Hostels, Bansi	1989
11.	Smt. Vatsalabai Naik Mahila Mahavidyalaya, Pusad	1989
12.	Janata Shikshan Prasarak Mandal Vidyalaya, Pusad	1989
13.	Janata Shikshan Prasarak Mandal Primary School, Itawa Pusad	1989
14.	Janata Shikshan Prasarak Mandal Balbhavan, Pusad	1990
15.	Janata Shikshan Prasarak Mandal Vidyalaya, Pimpalgaon (Kanha)	1990
16.	Janata Shikshan Prasarak Mandal Urdu, High School, Phulsawangji	1990
17.	Janata Shikshan Prasarak Mandal Primary Urdu School, Pusad	1990
18.	Priyadarshani Girl's Hostel, Pusad	1991
19.	Janata Shikshan Prasarak Mandal Vidyalaya, Gaul	1992
20.	Bacward class Hostel, Pimpalgaon (Kanha)	1994
21.	Working Women Hostel, Pusad	1996
22.	Janata Shikshan Prasarak Mandal High School, Pusad	2003

CENTERS OF THE INSTITUTION FOR SOCIAL ACTIVITIES :

1. Panchayat Raj Training Institute, Pusad.
2. Center of Excellence for Rain Water harvesting.
3. Late Sudhakarrao Naik Water Conservation Guidance center.
4. Selected Environmental Engineering laboratory of the Institute for water analysis under Jalswarajya Project in Maharashtra State.
5. Technical service provider in Jalswarajya project in Yavatmal district.
6. Selected as Expert institute for training under Jalswarajya project.
7. Consultant to prepare proposal for Community Tank of agricultural departmental scheme.
8. Social institute working for social problems like flood, AIDS, AKSHAY PRAKASH YOJNA and Environmental issues.
9. Testing and Cunsultancy cell for testing Materials.
10. Center for MSCIT Examination.
11. A camp for free distribution and transplantation of artificial limbs, callipers for polio affected patients, under 'Viklangata Mukti Abhiyan', in the memory of Late Shri Sudharkarraoji Naik.

.....President



ना. मनोहर नाईक



मंत्री
अन्न व औषधे प्रशासन
महाराष्ट्र शासन
मंत्रालय, मुंबई- 400 032

बाबासाहेब नाईक अभियांत्रिकी महाविद्यालयाचा वार्षिकांक 'ईम्पेटस-२०१४' प्रकाशित होत आहे हे वाचुन अतिशय आनंद झाला.

महाविद्यालयातील प्रतिभाशाली विद्यार्थ्यांना आपली प्रतिभा आणि कला अभिव्यक्त करण्यासाठी एका सक्षम व्यासपीठाची आवश्यकता असते. महाविद्यालयाचे वार्षिकांक 'ईम्पेटस-२०१४' विद्यार्थ्यांची ही निकड निश्चित पुर्ण करेल अशी मला खात्री आहे.

वार्षिकांकास माझ्या हार्दिक शुभेच्छा !

ना. मनोहर नाईक



सत्यमेव जयते

The Maharashtra State Co-op. Cotton Grower's Marketing Federation Limited

Head Off.: Cotton Complex, Ajani Chowk,
Wardha Road, Nagpur-15
Ph. 0712-2226624 / 2230558 Fax: 2230217



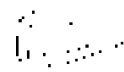
Dr. N. P. Hirani
Ex-State Minister
Chairman

It gives me immense pleasure to know that Babasaheb Naik College of Engineering, Pusad is publishing its Annual College Magazine "Impetus-14".

Students are the Nation's most valuable and creative asset. Their imagination is the key towards building a Nation with great future. All of us should realise this fact and must encourage each one of them to achieve their goals and mission in the life ahead.

The college magazine is a platform for the students to express their creative pursuit which develops in them the originality of thought and perception.

I extend my greetings and good wishes to the magazine.



Dr. N.P. Hirani





Jai S. Naik
President

Janata Shikshan Prasarak Mandal, Pusad

Dist. Yavatmal (Regd. No. F/97 Yavatmal)
Founder Hon. **Late Vasantrao Naik** (Ex. Chief Minister, Maharashtra State)
Founder Secretary Hon. **Late Sudhakarrao Naik** (Ex. Chief Minister, Maharashtra State
& Ex. Governor, Himachal Pradesh)
Phone : (07233) 246410, 248817

It is quite heartening for me to know that Babasaheb Naik College of Engineering, Pusad is publishing its Annual College Magazine "Impetus-14".

Academic excellence along with co-curricular and extra-curricular activities completes the process of education. It gives me immense satisfaction that our college is taking multidimensional efforts towards developing the personality of students.

The college magazine is a platform for the young minds to realize their potential and communicate their ideas and experiences with the society. I am glad to see that our college magazine truly represents the thoughts and opinions of our young minds and exhibits their academic and co-curricular achievements.

I congratulate the Impetus team for their sincere efforts and wish 'Impetus-14' a grand success.



Jai S. Naik



Dr. Mohan Khedkar
M.Tech., Ph.D.
VICE-CHANCELLER



Sant Gadge Baba Amravati University

Amravati - 444 602
Maharashtra (India)

I feel extremely delighted to realize that, Babasaheb Naik College of Engineering, Pusad is bringing out a college magazine- "IMPETUS - 2014". It is indeed an example of excellent teamwork with commitment, determination and discipline that entails success of the college. I strongly in promoting students-related activities. May this magazine prove to be a boon for students with a view to manifest their thoughts while coping up with the fast changing technology and showcase their true talent and creativity. I am confident that the Magazine shall emerge as more graceful constituting informative piece of writing. I wish you a grand success in this attempt.



Mohan Khedkar



Est. 1987

Jenava Shikshan Prasarak Mandal's

Babasaheb Naik College of Engineering

PUSAD-445 215, Dist. Solapur (MS) - INDIA

Founders - Hon. Late Shri Vasantao Naik, Ex. Chief Minister, Maharashtra State

Hon. Late Shri Sudhakarrao Naik, Ex. C.M., M.S. & Ex. Governor of Himachal Pradesh

- Approved by AICTE, New Delhi ■ Recognized by DTE, Govt. of Maharashtra ■ Affiliated to S.G.E. Annawati University, Annawati
- NBA Accredited course for 3 years w.e.f. 15-03-2012 ■ Grade 'A' Govt. of Maharashtra ■ ISO 9001 : 2008 Certified
- Civil Engg. ■ Mech. Engg. ■ Elec. & Tele. Engg. ■ Comp. Sci. & Engg. ■ Inf. Tech. ■ Electrical & Electronics Power Engg.

Jai S. Naik
President

Dr. K. Ravi, Ph.D. (University of Rajasthan)
Offg. Principal

No. BNCE/7

Date : 21 May 2014



Dr. K. Ravi
Offg. Principal

It is a matter of pleasure for me to present the college annual magazine "Impetus -2014" to all the stake holders and esteemed readers. Our college magazine has been looked upon as a creative and innovative manuscript, which has made a mark amongst the professional college Magazines in the University. Hence it's obvious that the magazine committee & students contributing to the magazine have worked with passion to keep up with the expectations. Active participation of students remains primary in publishing a splendid magazine. Students have contributed a lot of articles with enthusiasm in various sections of the magazine. They also use the best possible software to make the most aesthetic cover page design for the magazine every year through an open competition.

Students today are required to be engaged in activities which provide them with the opportunity to test their partaking in team assignments, management concerns, soft & software skills, communication skills which are primary to be employable. The technology becomes manifold in every decade and an inherent urge to keep up with the pace of it must become a habit in the early years of their making. To be successful as a professional and a better human being of tomorrow it requires them not only to actively participate in academics & co-curricular, but also to engage in humanitarian concerns, inculcate ethics & values in a conducive environment, our magazine has not only played a pivotal role in proving such an opportunity but also has successfully documented our journey towards excellence year after year. I appreciate the work done by the magazine committee and wish the magazine a grand success.

Dr. K. Ravi

*"If a task is performed in
Consciousness the god is companion
Then impossible is possible."*

Nothing is as precious as the joy of creation, for therein lies the departure from the old, and the genesis of new. A free and natural growth of mind is the condition of genuine growth.

"IMPETUS-14" has taken sincere efforts to bring out the interesting and absorbing articles, ranging from touching true stories, adventures of our colleagues, their achievements and an emotive poetry straight from the heart of the engineering's. Always we should do something new to be done with our college magazine and here the thought of adding two new sections i.e. SANSKRIT and URDU and our students give the tremendous response to these sections.

"Success does not come with setbacks."

"It comes to us through difficulties"

We, as a team, have worked really hard to be creative, to be original. If it wasn't for those who stood by us throughout the process, the magazine would not have been what it is. It is their encouragement and help that made us stick to it, no matter what the circumstances were. We can never thank them enough; we owe this IMPETUS-14 to them.

We consider ourselves lucky enough to be a drop of this perpetual fountain of the passion. I would like to take this opportunity to thank one and all associated with the development and creation of this Magazine. I would especially thankful to president JSPM Shri. Jay Naik, Principal Dr. K. Ravi, Magazine I/C Prof. S.K.Sarkate for their suggestion and motivation and also thankful to our Prof I/C of respective sections Prof. A.V. Khapre, Prof. A.A. Patil, Prof. S.P. Rathod, Prof. S.I. Khan, Prof. P.B. Niranjane for their continued and unflinching support. I appreciate all editors and team members for putting their best efforts in making IMPETUS-14 possible. BY heart I thank on behalf of IMPETUS-14 to all students and staff of our college.

It feels great to hand it over to you.

Hope you enjoy reading it as much as we enjoyed making it.

Mr. Shriyash S. Podutwar (4R)

Magazine Secretary

