

Award Category – Leadership(to be filled by Teachers)

Award for - Teachers

Duly completed form to be submitted by August 20, 2021.

Email *

principal@bvrithyderabad.edu.in

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

Dr K V N Sunitha, 54, BVRIT HYDERABAD College of Engineering for Women

Provide Examples of leadership effort which was recognized by any state / national / international body with proof. Either attachment or link. *

 Dr K V N Sunitha ...

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Leadership Skills of Dr K V N Sunitha

Founder Principal, BVRIT HYDERABAD College of Engineering for Women



Dr K V N Sunitha is the founder Principal of the College BVRIT HYDERABAD College of Engineering for Women (BVRITH) established in 2012. Earlier, she worked as a Founder HoD at G. Narayanamma Institute of Technology and Sciences for around 12 years.

As a Founder Principal of BVRITH, within 9 years of establishment under her leadership, college crossed many milestones as below

1. All departments in the college are Accredited by NBA in 2018 for 3 years, highest score being 701 and also got extension for one more year i.e., till 2022
2. College is accredited by NAAC with Grade “A” in 2020
3. College was ranked in NIRF – 2019 (147) and NIRF -2020 (199) and it is the only private affiliated Womens Engineering college in the state of Telangana
4. College was also ranked in Band –“B” in ARIIA -2020
5. College was recognized by AICTE in 2018 for Best Practices.
6. College entered into ASIA Book of Records for largest mental health peer counselling on 7th March 2019

She received many awards as listed below for her Leadership and Academic Excellence

Awards received for Leadership by Dr K V N Sunitha

1. **Distinguished Principal Award** by CSI Mumbai at IIT Bombay in 2017.
2. **Women in Education Award** by IPE & Deewang Mehtha in National Education Awards in 2017.
3. Felicitated for **outstanding contribution & achievements in the field of Engineering** in Women Engineers meet held on 29th Indian Engineering congress by **Institute of Engineers IEI** in 2014.
4. **Best Engineering College Principal in Telangana State Award** for the year 2019 by Indian Society for Technical Education (ISTE) in 14th state annual convention held at G. Narayanamma Institute of Science & Technology in 2019.
5. Received “**Best Engineering College Principal Award 2021** ” by Ambitions career counselors in recognition of having met highest standards of excellence in education in 2021

Awards received for Academic Excellence by Dr K V N Sunitha

1. **Academic Excellence Award** by G. Narayanamma Institute of Technology & Science in 2005.
2. **Best Computer Science Engineering Teacher Award** for the year 2007 by Indian Society for Technical Education (ISTE) in 2nd state annual convention 2007 held at Sreenidhi Institute of Science & Technology in 2008.
3. **Best Faculty Award** by Indian Education Expo Academic Brilliance Awards-2013 in 2013 at New Delhi.
4. **Engineer of the year 2019 Award** by Institution of Engineers Telangana in 2019 on 52nd Engineers day celebrations at IEI Hyderabad.
5. **Acharya Ratna** –National Award for life time achievement for the year 2019 for demonstrating excellence in teaching, administration, research and in particular, Engineering Education in commemoration of 150th Birth anniversary celebrations of Sri Mahatma Gandhi by Indian servers in association with IT Association of Andhra

Pradesh, Telangana IT Association, Lions Club, Takshashila IAS Academy, Impact Foundation on October 2nd 2019 at VR Siddhartha College, Vijayawada, AP.

6. **Autobiography listed in Marquis Who's Who in the World**, 28th Edition (2011).

Honors

1. Served as member of AICTE and inspected various Engineering Colleges all over India as a expert member of NBA.
2. Academic Council member for SIT,JNTUH 2018
3. Academic advisory member & Member, Board of studies, Dept. of Computer Science for many autonomous Engg Colleges.
4. GNITS Governing Council member for academic year 2011-2012.
5. Served as panel member for International womens day celebrations held from 7th march 2011 to 12th march 2011 organized by lead India 2020 at GNITS.

Session chairs

1. International conference ICECIT-2012 on 22nd December at Srinivasa Ramanujan Institute of Technology, Anantapur, India.
2. International conference ICACM-2013 on 2nd & 3rd August 2013 at GRIET, Hyderabad.
3. International conference ICDSMLA-2019 on 29th & 30th March 2019 at CMRIT, Hyderabad

| S. No | Description | No | Remarks |
|-------|--|----|--|
| 1 | Books Authored | 5 | Details given below |
| 2 | Book Chapters | 2 | Details given below |
| 3 | Lab Manuals Developed | 2 | Programming for Problem Solving Lab Compiler Design Lab |
| 4 | Ph.D Guided and awarded | 11 | Details given below |
| | Ph.D Thesis Submitted waiting for viva | 3 | |
| | Ph.D Guiding | 5 | |
| 5 | Professional Body Memberships | 10 | Details given below |

Books Authored

1. Programming in UNIX and Compiler Design
B. S. Publications, May-2008, ISBN: 8178001640, 9788178001647.
2. Formal Languages and Automata Theory, by Dr KVN Sunitha and N. Kalyani
TMH India, 2010, ISBN: 978-93-325-3728-6
3. Theory of Computation
Tata McGraw Hill in June 2011, ISBN: 9780070702059
4. Compiler Construction”
Pearson India in May 2013, ISBN: 978-93-325-0029-7
5. Formal languages and Automata theory, by Dr KVN Sunitha and N. Kalyani
Pearson India, 2015, ISBN: 978-93-325-3728-6

Book Chapters

1. A chapter on “Telugu Speech corrector” in the book “Speech Processing and Auditory Processing Disorders: Causes, Diagnosis and Treatment” by NOVA SCIENCE PUBLISHERS, 2012, INC., 400 Oser Avenue, Suite 1600, Hauppauge, NY 11788-3619. ISBN: 614707952, 9781614707950.

2. A chapter on “ Novel Genetic algorithm and particle swarm optimization for data clustering”, In springer book- Information Systems design and intelligent applications, 2016,ISBN :978-81-322-2750-2 .pp 199-208

Editors

1. **Editor for Springer Book “Lecture Notes in Electrical Engineering” “Micro electronics, electromagnetic and Telecommunications” proceedings of ICMEET 2017. ISSN No: 1876-1100.**
2. **Editor for Springer Book “ICICCT 2019 - System Reliability, Quality Control, Safety, Maintenance and Management” proceedings of ICICCT 2019 .**

Ph.D Guidance

Guided **11 research** students are awarded with Ph.D & two waiting for the award of PhD.

1. Mr N.Sudhakar Reddy (H.T.No:0803PH0672) on “Efficient Methods for Clustering of Categorical Data” under JNTU Anantapur on 10-10-2012.
2. Mrs N.Kalyani (H.T.No:0803PH0640) on “Morphology based Language Modelling with application to Automatic Speech Recognition in Telugu” under JNTUH on 21-11-2012.
3. Mr Venkata Ramana Chary (H.T.No:1260308413) on “Image Retrieval Based on image features and Similarity Measurements” under Githam University. December 2014.
4. Mrs A.Sharada (H.T.No:1003PH0612) on “Linguistically motivated approach for Telugu Speech Recognition” under JNTUH on April 2015.
5. Mr K.Ratna Babu (H.T.No: 0703PH0676) on “Image Enhancement Using Evolutionary Algorithms along with morphological transformations” under JNTUH on May 2015.
6. Mr R.Ravinder Reddy (H.T.No: 1103PH0654) on “Genetic and Class balanced classification Techniques for Intrusion Detection System” under JNTUH on October 2016.
7. Ms D.V.Lalitha Parameswari (H.T.No: 1103PH0631) on “Performance analysis of P-Tree subspace method on spatial image data” under JNTUH on 4/10/ 2017.
8. Ms. G Malini Devi (H.T. No. 1103PH06A54) on “Dynamic Particle swarm optimization for data clustering” on 22/11/ 2017
9. Ms. SL Aruna Rao (H.T. No. 0903PH0627) on “An adaptive trusted secure geographical routing in MANETS” on 1/12/ 2018.
10. Mr. Garladinne Ravi Kanth (H.T. No. 13PH0509) on “Novel Methods for Enhancing the performance of image fusion” on 10/1/ 2020.
11. Mrs. Mulagudla Sreedevi (H.T. No. 1003PH0651) on “A UNIFIED FRAME WORK FOR Detecting and Notifying the SQL Injection,XSS and malicious URL attacks” on 7/12/ 2020.
12. Mrs. Pajmaja Patro (H.T. No. 1103PH0697) **SUBLITTED THESIS** on on 26/8/ 2020.
13. Mrs. E R Aruna, (H.T.No.1003PH0633) **SUBLITTED THESIS** on on 26/11/ 2020.
14. Md Salman Arafath, Reg. No. 1003PH0655 **SUBLITTED THESIS** on on 2/2/ 2021

Reviewer for the Journal - Springer International Journal of Speech Technology , Elsevier Journal of Information science, Journal of Applied and Theoretical Computer Science JATIT, International Journal on Futuristic Computer Applications –IJFCA, Advances in applied research, International Journal of Computer Theory and Engineering (IJCTE), Journal of Engineering and Computer Innovation JECI & IJCIIS, Springer IJST, International Journal of Machine Learning and Cybernetics JMLC.

Patent Filed

1. **Smart Clothing for Patients**
Application no. 201641024774 Publication Date 26/1/2018
2. **Real-Time Parking Prediction System**
Application no. 2020410045574 Publication Date 30/10/2020

3. **Smart classroom virtual reality head mounted display device for visual-spatial learners**
Application no. 202041052429 Publication Date /2020
4. **Virtual reality head mounted display device with inbuilt hand tracking technology**
Application no. 202141011513 Publication Dates 2021
5. **An Enhanced Process of Split Payment Transaction and Management (SPTM) System**
Application no. 2020103398 Publication Dates 2021

Professional Memberships

1. **FIE:** Fellow of Institution of Engineers with Mem. No.- M122116 since Dec' 2001.
2. **FIETE:** Fellow of IETE since 21/12/2019 Mem no: F501717
3. Sr. Member for International association- IACSIT. Member no:80333839.
4. Life Member of ISTE with Membership. No- LM16801 since 1994.
5. Life Member of CSI with Membership. No- 00106696 since July 2004.
6. CE: Chartered Engineer since Nov' 2001.
7. Member of ACM with Membership. No -3312782.
8. Sr. Member of IEEE with Membership no: 41510858
9. Member of IAENG International association of Engineers with Membership. No -104703
10. Member of IFERP Institute for Engineering Research &Publication with Membership. No -**PM08561724**.

Funded Projects and Consultancy Projects Info of Dr K V N Sunitha

Funded Projects

Dr K V N Sunitha, has total 5 funded projects from CSI, DST-TIDE, DST-NSTMIS, NRSC total worth of Rs. 66 Lakhs and 4 Consultancy Projects worth Rs. 20 Lakhs

- ✓ Received a research grant Rs 20k from CSI for R&D project in March 2011 for one year on "Telugu TTS". (**File no:1-14/2011-02 dated 29/3/2011**) (**Completed**)
- ✓ Received a research grant of 38.57 Lakhs from DST TIDE project in 2015 for three years. Title: Medicine recognition system & alerting device for geriatrics and visually challenged. (**File No: SEED/TIDE/043/2013(G) dated 12/08/2015**) (**Completed**)
PI: Dr KV N Sunitha, Co-PI's:Dr J Naga Vishnu Vardhan, Dr S L Aruna Rao
- ✓ Received a research grant of 27.32 Lakhs from DST NSTMIS project in March 2017 for three years. Title: **Analysis of Career Path of Women Engineers in India** (**File No: DST/NSTMIS/05/233/2016-17**) (**Completed**)
PI: Dr Anuradha, Co-PI's: Dr K V N Sunitha, Dr T Rojarani
- ✓ Received a research Project from NRSC in 2018 for three years.
Title of the project: Automatic Road Extraction from Satellite Imagery
NRSC/PPEG/11/2018 (End of the Project)
PI: Dr Tilothama Goswami, CO PI : Dr KVN Sunitha, Mr. L Naveen Kumar, Mr. Ch. Anil Kumar
- ✓ Received a research Project from NRSC in 2018 for three years.
Title of the project: A framework for scenic interpretation of crowd-sourced geo-tagged photographs based on image analysis and deep learning model
NRSC/PPEG/11/2018 (End of the Project)
PI: Mr. L Naveen Kumar, CO PI : Dr KVN Sunitha, Dr Tilothama Goswami, Mr. Ch. Anil Kumar

Consultancy Projects

- ✓ Developed ERP Solution for Fresh Choice, Anjani Foods Ltd - Rs. 10,18,000 /-.
- ✓ ERP Package – Sure IT Solutions Pvt. Ltd – Rs. 6,50,000/-
- ✓ Website for Humanity Foundation - Rs. 89,340/-
- ✓ B. Tech Question bank APP for GATE Experts - Rs. 2,53,700/-

Clubs at College / Community Service

Dr K V N Sunitha established various clubs at college to promote technical and cultural activities and events

| S. No | Clubs at College – Full Details - Refer to www.bvrithyderabad.edu.in – students (tab) |
|-------|--|
| 1 | Meraki – Language Club |
| 2 | Wall Magazine – Magnum Opus |
| 3 | Cultural Club |
| 4 | Sports Club |
| 5 | FoSS Club |
| 6 | Toast Master’s Club |
| 7 | Professional Bodies – IETE, ISTE, IEEE,IEI,ACM |
| 8 | Department Technical Associations – Deeptha (EEE), Electro Elitz (ECE), TechBlitz (CSE & IT) |

| S. No | Community Service |
|-------|---|
| 1 | Largest Mental Health Peer Counselling – Asia Book of Records |
| 2 | Eco-friendly Ganesh idol making and Distribution |
| 3 | Golden Jubilee celebrations of NSS foundation day |
| 4 | DAAN UTSAV -The Joy of Giving |
| 5 | Empower the Girl |
| 6 | 31 st National Road Safety Week -Tree of Remembrance |
| 7 | Webinar on Implementing NEP 2020 through Community Engagement |
| 8 | Lend Hands during COVID |

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org



File No: 11-301-2018-NBA

Date: 18-12-2018

To
The Principal
BVRIT Hyderabad,
#8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally,
Hyderabad, RR District- 500090 Telangana

Subject: Accreditation status of programmes applied by BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana.

Sir,

This has reference to your application I.D. No. 3049- 20/07/2018 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana.

2. An Expert Team conducted on-site evaluation of the programs from 16th-18th November, 2018. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

| Sl. No. | Name of the Program(s) (UG) | Basis of Evaluation | Accreditation Status | Period of validity | Remarks |
|---------|---|----------------------------------|----------------------|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. | Information Technology | Tier-II June 2015 Document | Accredited | Academic Years 2018-2019 to 2020-2021 i.e. upto 30-06-2021 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier |
| 2. | Electrical & Electronics Engineering | | Accredited | | |
| 3. | Electronics & Communication Engineering | | Accredited | | |
| 4. | Computer Science & Engineering | | Accredited | | |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for three years. BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd/...

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Report of the Visiting Team.

Copy to:

1. The Director of Technical Education
5th and 6th Floors, B.R.K.R. Bhavan,
Tank bund Road, Saifabad, Hyderabad- 500063
2. The Registrar
Jawaharlal Technological University, Hyderabad
Kukatpally, Hyderabad, Telangana- 500085
3. Accreditation File
4. Master Accreditation file of the State.

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisam Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F. No. 11-301-2018-NBA

Dated: 08.06.2021

To,

The Principal,
BVRIT Hyderabad,
#8-5/4, Rajiv Gandhi Nagar,
Nizampet Road, Bachupally, Hyderabad,
RR District- 500090 Telangana

Subject: Grant of further accreditation of one year in case of UG Engineering programs in Tier II offered by BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District-500090 Telangana on the basis of Compliance Report.

Sir,

This is regarding Compliance Reports submitted by BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2018-19 to 2020-21 and validity of accreditation is expiring on 30.06.2021.

2. The National Board of Accreditation (NBA) has decided that in all cases of UG Engineering programs which were accredited in Tier I/Tier II for a period of 3 years i.e. up to 30-06-2021 and for which the concerned Institutions have submitted Compliance Reports, but, the visits for data verification of the programs are pending because of the current pandemic situation due to Corona virus, the programs will be considered for further accreditation of one year i.e. up to 30-06-2022 after data verification of the programs in NBA on the basis of the submitted Compliance Reports. The data submitted by BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana in the Compliance Reports has been examined and verified in NBA. Based on the same, the Competent Authority in NBA has approved the following accreditation status to the programs as given in the Table below:

| Sl. No. | Name of the Program(s) (UG) | Basis of Evaluation | Accreditation Status | Period of validity | Remarks |
|---------|---|---------------------|----------------------|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) |
| 1. | Computer Science & Engineering | Tier-II | Accredited | Academic Year 2021-2022 i.e. up to 30-06-2022 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier. |
| 2. | Electronics & Communication Engineering | | Accredited | | |
| 3. | Electrical & Electronics Engineering | | Accredited | | |
| 4. | Information Technology | | Accredited | | |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

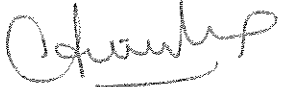
4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to BVRIT Hyderabad, #8-5/4, Rajiv Gandhi Nagar, Nizampet Road, Bachupally, Hyderabad, RR District- 500090 Telangana as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd/-

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Yours faithfully,


(Dr. Anil Kumar Nassa)
Member Secretary

Copy to:

1. The Director of Technical Education,
2nd Floor, Vidya Bhavan opp. to Latha Talkies,
Nampally, Hyderabad, Telangana- 500001
2. The Registrar,
Jawaharlal Nehru Technological University, Hyderabad,
Ashok Nagar, Kukatpally Housing Board Colony,
Kukatpally, Hyderabad, Telangana 500085
3. Accreditation File
4. Master Accreditation file of the State



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

is pleased to declare the

BURJI Hyderabad College of Engineering for Women

Bachupally, Dist. Medchal-Malkajigiri, Hyderabad,

affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana as

Accredited

with CGPA of 3.23 on four point scale

at A grade

valid up to February 13, 2025

Date : February 14, 2020



S.C. Sarna
Director