

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: 28-96-2010-NBA

Date: 20.12.2019

To,

The Principal,
Karmaveer Kakasaheb Wagh Education Society's
K. K. Wagh Institute of Engineering Education and Research,
Hirabai Haridas Vidyanagari, Amrutdham Panchavati,
Nashik-422003, Maharashtra.

Subject: Accreditation status of programmes applied by Karmaveer Kakasaheb Wagh Education Society's, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham Panchavati, Nashik-422003, Maharashtra.

Sir,

This has reference to your application Id Nos. 3204-28/10/2018 and 3543-26/02/2019 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs and MCA program offered by Karmaveer Kakasaheb Wagh Education Society's, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham Panchavati, Nashik-422003, Maharashtra.

2. Two Expert Teams conducted on-site evaluation of the programs separately from 16th to 18th August 2019 and from 11th - 13th October, 2019 respectively. The reports submitted by the two Expert Teams were 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/PG)	Level	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Electrical Engineering	UG	Tier-II	Accredited	Academic Years 2019-2020 to 2021-2022 i.e. upto 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.	Chemical Engineering	UG		Accredited		
3.	Electronics and Telecommunication Engineering	UG		Accredited		
4.	Computer Engineering	UG		Accredited		
5.	Production Engineering	UG		Accredited		
6.	Electronics Engineering	UG		Accredited		
7.	Civil Engineering	UG		Accredited		
8.	Masters of Computer Applications	PG		Accredited (637 marks awarded by the Visiting Team revised to 660 as per the observations made and indicated in the Annexure to this letter)	Academic Years 2019-2020 to 2020-2021 i.e. upto 30-06-2021	

Contd./...

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. **Karmaveer Kakasaheb Wagh Education Society's, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham Panchavati, Nashik-422003, Maharashtra** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a visit, 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 **Karmaveer Kakasaheb Wagh Education Society's, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham Panchavati, Nashik-422003, Maharashtra** 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 **programs 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.
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 of the Reports of respective Chairmen of the Visiting Teams and Evaluators' Reports in respect of the above programs is 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 each of Report of respective Chairmen of the Visiting Teams.
2. Copy each of Expert Reports of the Visiting Teams.

Copy to:

1. The Director of Technical Education
3, Mahapalika Marg, Opp. Metro Cinema,
Chhatrapati Shivaji Terminus Area,
Mumbai, Maharashtra-400001.
2. The Registrar,
Savitribai Phule Pune University
Ganeshkhind Road, Pune, Maharashtra 411007
3. Accreditation File
4. Master Accreditation file of the State

Annexure

**Karmaveer Kakasaheb Wagh Education Society's
K. K. Wagh Institute of Engineering Education and Research,
Hirabai Haridas Vidyanagari, Amrutdham Panchavati,
Nashik-422003, Maharashtra**

NAME OF THE PROGRAMME(S) (PG)	OBSERVATIONS
Masters of Computer Applications	Criterion V (Faculty Contributions) : Marks are recalculated as per formula in Faculty Cadre and Faculty Qualification.

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Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title BE, Electrical Engineering

Strengths:

1. Enrollment ratio is good
2. Committed & dedicated faculty
3. Adequate number of qualified Supporting staff.
4. Adequate safety measures in laboratories
4. Good faculty retention
5. Adequate infrastructure to conduct 'UG' Program as per affiliated University.
Good amount of consultancy activities found.
Spacious labs with good ambience.

Weakness/Areas of improvement:

1. * Poor exposure to OBE
2. * No rationale behind defining target & Attainment levels.
3. * Poor success rate without backlog
4. * No significant improvement seen in placement index.
5. * Co's are not displayed in laboratories.

1. region

2. show

Deficiencies:

1. No sponsored R&D Projects
2. No Entrepreneurial activities found.
3. _____
4. _____
5. _____

Other Observations, if any:

1. Lunch break can be enhanced as per student-
interactions.
2. _____
3. _____
4. _____
5. _____

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Arjun

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title Chemical Engineering

Strengths:

1. Good infrastructure including classrooms.
2. Dedicated faculty.
3. Program outcomes and course outcomes are well listed.
4. Computing facilities are satisfactory.
5. Class room and lab size are good.

Weakness/Areas of improvement:

1. Involvement of faculty in R+D and consultancy is required.
2. More awareness about outside activities for students is required.
3. Not Industry sponsored lab is required.
4. Industrial Trng. of more than 2 weeks is required.
5. _____

4
18/8

[Signature] 15/11/2019

Deficiencies:

1. Less number of supporting staff.
2. No sponsored and consultancy projects.
3. Independent faculty rooms required
4. they are sitting in labs
5. They are no associate professor in the dept.

Other Observations, if any:

1. Safety audit of laboratories require regular attention.
2. The dept should take steps to start a
3. PG programme.
4. _____
5. _____

U
18/8

 18/8/2019

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title UG - ELECTRONICS & TELECOMMUNICATION Eng

Strengths:

1. WELL EXPERIENCED FACULTY
2. GOOD LABORATORIES
EXCELLENT ~~ST~~ STUDENT ENROLLMENT
3. GOOD R&D PROJECTS (>1.5 CRORES)
4. WELL DISCIPLINED STUDENTS
5.

Weakness/Areas of improvement:

1. SUCCESS RATE IS MODERATE
2. CO-PO MAPPING NEEDS IMPROV^MEMENT
3. NON-TEACHING, TECHNICAL STAFF INSUFF^{CIEN}ICIENT
4. LESS AWARE ABOUT OBE AMONG STAKE^{HOLDERS}
5.

Dr. P. S. Suresh

J. Srinivas

Deficiencies:

1. NO CONSULTANCY PROJECT.
2. LOW QUALITY PUBLICATION
3. NO ENTERPRUNERSHIP.
4. ~~_____~~
5. ~~_____~~

Other Observations, if any:

1. ~~_____~~
2. ~~_____~~
3. ~~_____~~
4. ~~_____~~
5. ~~_____~~

Dr. Ashraf Ahmad

Abiriz

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title B.E. (Computer Engineering)

Strengths:

1. Faculty retention is high
2. SFR is 1:18.67
3. Student enrolment ratio is 100%.
4. Good exposure to open source technologies
5. Professional Society activities are good.

Weakness/Areas of improvement:

1. Placement is about 38%.
2. SI without backlogs is low
3. Involvement of all stakeholders is very limited.
4. Feedback system exists. However, its analysis and action taken is not seen much.
5. Deployment of indirect assessment tools for assessing the attainment of POs and PSOs exist but not properly documented.

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Deficiencies:

1. Very few quality research publications (only one book chapter and one scopus indexed journal paper).
2. No sponsored R&D (only Rs. 1.00 lac) and consultancy
- 3.
- 4.
- 5.

Other Observations, if any:

1. Faculty interaction with outside world is limited.
2. Identification of gaps and its analysis is weak.
3. Few students are opting higher studies and entrepreneurship
4. Awareness on OBE and its implementation is moderate.
- 5.

L. S. S. S.

M

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title PRODUCTION ENGINEERING

Strengths:

1. The department of Production Engg. has well equipped labs & spacious classrooms & with OHP.
2. The Faculty is well qualified & faculty retention ratio is good. So is the faculty cadre Protection.
3. The SFR is good.
4. Inhouse UG Project work was found to be encouraging & some good work done by UG students is evident.
5. The department has a well defined Process to guide / encourage weak students.

Weakness/Areas of improvement:

1. Documentary evidence is not properly maintained
2. Continuous monitoring & Evaluation of UG project work is not carried out.
3. Initiatives related to industrial interaction are weak.
4. Assessment process/tools for attainment of COs, POs & PSOs are not properly conducted/explained.
5. Success rate in the stipulated period of Program is rather low.
6. Placement is average but a data show a downward trend over the assessment years.
7. Quality of published work is below average.
8. Weak technical support is observed in the labs.

V. Singh *Thakur* *Dr. Ashish Thakur*
(Dr. Ashish Thakur)

Deficiencies:

1. NO SPONSORED RESEARCH IS CARRIED OUT INDEPENDENTLY
2. NO RESEARCH LABS IN THE DEPARTMENT.
3. NO CONSULTANCY WORK IS DONE BY THE FACULTY.
4. NO SEPARATE PROJECT LABORATORY IS AVAILABLE TO THE STUDENTS.
5. _____

V. Singh Thakur
Dr. Ashesh Tiwari

Other Observations, if any:

1. _____
2. _____
3. _____
4. _____
5. _____

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Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title Electronics and Engineering

Strengths:

1. Vision, mission, POs are well defined and disseminated well amongst stakeholders and around campus.
2. Faculty retention is good.
3. Student faculty ratio, cadre ratio & are satisfactory.
4. Students are involved in building good projects.
5. Well maintained and clean ambience exists with adequate class rooms and laboratory spaces.
6. Various CAD tools - Xilinx, MATLAB, Microvisid & others are available alongwith associated processor boards & I/F chips.

Weakness/Areas of improvement:

1. Quality of internal question paper & assignments is not upto mark.
2. Some of the projects are not based on recent & relevant topics.
3. Higher levels of learning are not addressed in some of the subjects & COs thereof.
4. There is little evidence of participation by students in outside state events.
5. The research leading to award of Ph.D. on campus is absent.
6. Proper safety against electricity/Power is lacking e.g. Copper sheeting & power switches (DPDT etc.)
7. In recent years, no major and latest equipment have been procured and deployed.
8. Existing audit process is not satisfactory, and is not effective.
9. Students enrollment, placement/higher-studies number is declining steadily.

Deficiencies:

1. The publications in reputed journals / Conferences is lacking and published papers are not in reputed journals.
2. _____
3. _____
4. _____
5. _____

Other Observations, if any:

1. _____
2. _____
3. _____
4. _____
5. _____

Dr. A. S. / NS

VA mugh

Explicit observations about the program

(Please use additional sheets if necessary to elaborate)

Program title V6 (Civil Engineering)

Strengths:

1. The institution and the program has a brand name in Washita and a most preferred college
2. The faculty are well qualified and committed.
3. The admission to the program is consistently good.
4. The infrastructural facilities like class room and laboratories are adequate.
5. The faculty course and retention are good.

Weakness/Areas of improvement:

1. COs are vague and their assessment is difficult.
2. The mapping of COs with POs and PSO's needs to be improved.
3. Success rate without backlog is low.
4. The working tables for the students in the laboratory are not enough.
5. The faculty are not provided with individual rooms.
6. More technically qualified staff are required for the laboratories.

6.2 all
12.10.2019

V. K. R. P. P.
12/10/19

Deficiencies:

1. No sponsored research projects.

2. The awareness of ~~it~~

3.

4.

5.

Other Observations, if any:

1. The awareness on OBA amongst the faculty and students has to be improved.

2. The assessment of attainments of COs are done on shift wise. It can be done by

3. combining the performance of shift I &
4. shift II.

3. The duration of internship can be increased.

4. Placements should be improved.

GA
12, 10, 2019

Shrutika Ad
12/10/19

Experts' Report on the Strengths, Weaknesses, and Deficiencies, if any.

Strengths:

1. Admission in the program is very good.
2. CO, PO attainment has been done for all batches.
3. Student academic performance is good.
4. Labs are good and sufficient for MCA program.
5. Budget allocation in the department is good.
6. Dissemination of mission, vision, PO & CO among students is good.
7. Faculty retention is good.

Weaknesses:

1. PEO's statement are overlapping.
2. Target setting for attainment of PO is improper.
3. Success rate of the student is low.
4. Placement quality and quantity is low.

Deficiencies, if any:

1. Faculty cadre ratio is poor.
2. Faculty qualification is on the lower side as there is only one Ph.D. faculty.
3. There is no consultancy, R & D in the department.
4. Faculty publication is not upto the mark.

Additional remarks, if any:

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