

**Webinar**

**on**

**“OUTCOME BASED EDUCATION AND ACCREDITATION FOR  
ENGINEERING COLLEGES IN RAJASTHAN”**



**Organized by**

**National Board of Accreditation in association with Rajasthan Technical  
University, Kota**

**on**

**December 4, 2020**

**Nodal Centre: Jaipur Engineering College and Research Centre,  
Jaipur**

National Board of Accreditation in association with Rajasthan Technical University, Kota organized a one-day webinar on “**Outcome Based Education and Accreditation for Engineering Colleges in Rajasthan**” on December 4, 2020 from 9.00AM onwards through CISCO WebEx. The nodal officer for the overall event was Prof. (Dr.) **Vinay Kumar Chandana**, Principal, JECRC, Jaipur. The webinar was addressed by Prof. **R. A. Gupta** Vice Chancellor RTU, Kota and dignitaries from NBA, Prof. **K.K. Aggarwal**, Chairman, NBA, New-Delhi, Dr. **A. K. Nassa**, Member Secretary, NBA, New-Delhi, Prof. **C.R. Muthukrihsnan**, Former Deputy Director IIT Madras, Chennai, Prof. **R.V. Ranganath**, B.M.S. College of Engineering, Bangalore.

Registration for this event was done by using goggle form and it is free for the JECRC as well as outside participants. All registered participants received E-certificates after the end of session and submitted feedback form. The event was coordinated by Dr. Sandeep Vyas, HoD ECE, department and Mr. Jaivardhan, Assistant Professor, ECE department, JECRC Jaipur. The event moderator was Dr. Neha Singh, Assistant Professor, ECE department, JECRC Jaipur. The brief summary of the webinar is as follows:

#### **About NBA:**

The National Board of Accreditation (NBA), India was initially established by the AICTE (All India Council of Technical Education) under section 10(u) of AICTE Act, in the year 1994, in order to assess the qualitative competence of the programs offered by educational Institution from diploma level to post-graduate level in Engineering and Technology, Management, Pharmacy, Architecture and related disciplines, which are approved by AICTE. NBA came into existence as an independent autonomous body with effect from 7th January 2010 with the

objectives of assurance of quality and relevance to technical education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hotel Management and Catering Technology, through the mechanism of accreditation of programs offered by technical institutions. The Memorandum of Association and Rules of NBA were amended in April 2013, to make it completely independent of AICTE, administratively as well as financially. The NBA conducts evaluation of programs of technical institutes on the basis of laid down norms. This may include, but not limited to institutional missions and objectives, organization and

governance, infrastructure facilities, quality of teaching and learning, curriculum design and review, support services (library, laboratory, instrumentation, computer facilities, etc.) and any other aspect as decided by the General Council and / or Executive Committee of NBA, which will help the graduates produced by the institutions as per industry requirements. Over the period of its existence, the NBA has introduced a new processes, parameters and criteria for accreditation that are in line with the best international practices and oriented to assess the outcomes of the Programme.

### **Objective of the Webinar:**

- To evolve standards and parameters for assessment and accreditation in line with the parameters laid down by the appropriate statutory regulatory authority for co-ordination, determination and regulation of standards in the concerned field of technical education;
- To promote excellence through a benchmarking process, which is helpful in determining whether or not an institution is able to achieve its mission and broad-based goals, and in interpreting the results of the outcomes assessment process;
- To promote quality conscious system of technical education where excellence, relevance to market needs and participation by all stakeholders are prime and major determinants
- To assess and accredit the technical education programs;
- To build a technical education system as facilitator of human resources, that will match the national goals of growth by competence, contribution to economy through competitiveness and compatibility with societal development;
- To set the quality benchmarks targeted at global and national stockpile of human capital in all fields of technical education;
- To conduct evaluation of self-assessment of technical institutions and/or programs offered by them on the basis of guidelines, norms and standards specified by it; and
- To contribute to the domain of knowledge in quality parameters, assessment and evaluation.

### **Webinar topics:**

- Introduction to NBA Accreditation.
- Assessment Methodology, Guidelines, Benefits and Quality Initiatives.
- Washington Accord Membership & its Advantages.
- Methods of Assessment and Evaluation: Assessment Tools.
- Assessment of COs, POs, PSOs & PEOs.
- Continuous Improvement.
- Self-Assessment Report (SAR): Overview of changes.
- How to prepare the SAR and effect Improvements during the process

## About Speakers:



### **PROF. (DR.) K.K AGGARWAL**

Prof. Aggarwal, obtained his Bachelor of Engineering Degree from Punjab University and Masters Degree from NIT, Kurukshetra. Later, he did his Ph.D also from NIT, Kurukshetra. After a distinguished service of 27 years at NIT, Kurukshetra, Prof. Aggarwal served as Pro Vice-Chancellor, GJU, Hisar for a period of three years, and then as Founder Vice Chancellor of GGS Indraprastha University, Delhi for a period of 10 years. He has been President of the Institution of Electronics and Telecommunication Engineers (IETE) for the period 2002-2004, President, Computer Society of India from 2007-2009 and President of South East Asia Regional Computer Confederation (SEARCC) from 2008-10. Prof. Aggarwal has been associated with NBA in various capacities since its inception and was Chairman, EEAC ( Tier-II ) before taking over as Chairman, NBA on 14th January, 2019.



### **DR. ANIL KUMAR NASSA**

Dr. Anil Kumar Nassa obtained his Bachelors Degree in Textile Chemistry from the Technological Institute of Textiles, Bhiwani, Masters Degree in Fibre Science and Technology and Doctoral Degree on the theses titled "Technical Education System: Accreditation Process and Improvements" from IIT, Delhi. He served in different capacities in various Textile Industries. He joined Department of Higher Education Ministry of Human Resource Development, Government of India, in 1990 and was working as Deputy Educational Advisor (Technical) before joining National Board of Accreditation as Member Secretary. Dr. Nassa has dealt with various important development schemes of Technical Education in the Ministry of HRD, AICTE and has contributed significantly in the planning, formulation and implementation of various schemes of Technical Education. He had been associated with the Approval and Accreditation of Technical Institutions/Programmes at Regional as well as National level in AICTE. He has more than 10 research papers to his credit in reputed National and International Journals and National and International Conferences



### **Dr. R. V. RANGANATH**

Obtained B.E.,(Civil Engineering) degree from National Institute of Engineering, Mysore University, M.Tech and Ph.D. from IIT Delhi. Research interests include Fly ash/pond ash Concrete, Self-Compacting Concrete (SCC), Geopolymer Concrete using Fly Ash, Slag and other industrial by-products. Recipient of AICTE Career Award for Young Teachers in 1998 and "ICI-FOSROC Award for Outstanding Concrete Technologist for the year 2011 at by Indian

Concrete Institute, (Chennai) at National level. Served as HOD, Civil Engineering, Dean Academics at BMSCE and Principal in BMS Institute of Technology, Yelahanka, Bengaluru on deputation during 2014-2015. At present, actively involved in implementation of Outcomes Based Education (OBE) in Engineering Institutions through NBA awareness programmes and Evaluators training programmes as resource person.



### **C R Muthukrishnan**

Prof Muthukrishnan has been Consulting Advisor to ceo, TCS, Deputy Director & Director-in-charge, IIT Madras and Professor of Computer Science & Engineering at IIT Madras in his career spanning 40 years. He has guided 30 Research scholars for PhD and MS degrees, over 300 students for MTech and BTech projects. Many of his students are holding top positions in academia and in reputed companies globally and many as entrepreneurs have created startups and developed them successfully. He is actively engaged in Accreditation work for NBA and NAAC for about five years now. He consults for academic institutions and industry. A chair in Computational Brain Research has been established in 2016 at IIT Madras by K.S Gopalakrishnan, his former student and co-founder of Infosys Limited. He is a BTech (Hons) President Prize awardee for general proficiency from IIT Madras, MTech and PhD (1969) from IIT Kanpur.

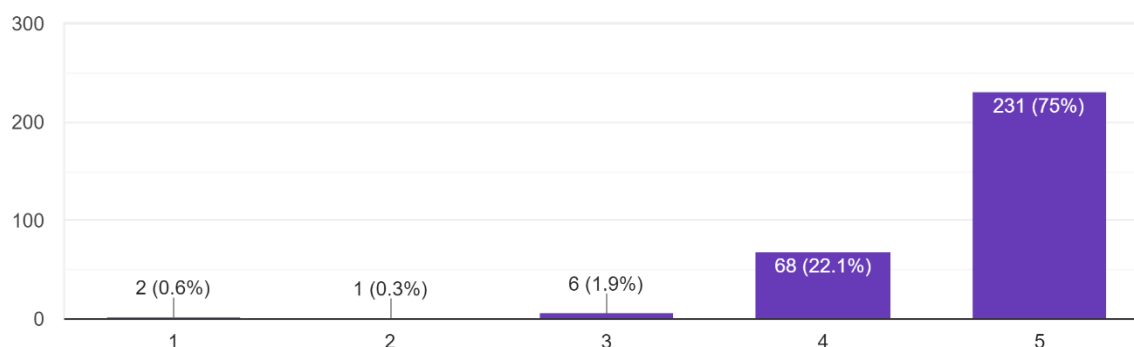
**Programme Schedule:**

<b>Time</b>	<b>Activity</b>
09.00 - 09:40	Registration
09:40 – 09:45	Invocation
09:45 – 09:50	Welcome Address by Prof. Vinay Chandna, Principal, Jaipur Engineering College, Jaipur.
09:50 – 10:00	Address by Prof. R.A. Gupta, Vice Chancellor, Rajasthan Technical University, Kota.
10:00 – 10:05	Webinar Objectives by Dr. Anil Kumar Nassa, Member Secretary, NBA New Delhi.
10:05 – 10:20	Inaugural Address by Prof. K.K. Aggarwal, Chairman, NBA, New Delhi.
10:20 – 10:50	NBA Accreditation-Introduction, Assessment Methodology, Guidelines, Benefits, Quality Initiatives, Washington Accord Membership & its Advantages, Renewal of WA Membership for the next 6 years effective from June, 2020 and NBA future plan by Dr. Anil Kumar Nassa, Member Secretary, NBA, New Delhi.
10:50 – 11:40	Methods of Assessment and Evaluation: Assessment Tools, Assessment of POs, PSOs, PEOs & COs and thoughts on closing the Loop for Continuous Improvement by Prof. C.R. Muthukrishnan, Former Deputy Director, IIT, Madras, Chennai
11:40 – 01:00	Self Assessment Report (SAR): Overview of changes, How to prepare the SAR and effect Improvements during the process (UG Engineering) by Prof R.V. Ranganath, B.M.S. College of Engineering, Bangalore.
01:00 – 01:30	Interactive Session (Q/A) with Resource Persons
01:30 – 01:40	Vote of Thanks by Dr. Anil Kumar Nassa, Member Secretary, NBA, New Delhi.
01:40 – 01:42	National Anthem

## Summary:

Webinar	:1
Date	:04-12-2020
Topic	: Outcome Based Education and Accreditation for Engineering Colleges in Rajasthan
Participants Registered for the event	:586
Participants attended the event	:418

## Feedback from participants:



## Webinar Poster

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**National Board of Accreditation**  
In association with  
**Rajasthan Technical University, Kota**

**INVITATION**  
**FOR AN ONLINE WEBINAR**  
**ON**  
**Outcome Based Education and Accreditation for Engineering Colleges in Rajasthan**  
Sponsored by NBA, New Delhi

**4<sup>th</sup> December 2020 from 9.00AM to 2.00PM**

Registration Link  
[Click Here](https://forms.gle/LExUJAbRKNGyhCnc6)  
<https://forms.gle/LExUJAbRKNGyhCnc6>

**Prof. V. K. Chandna**  
**Nodal Officer**  
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Phone: 0141-2770120, 2770232

Participation Certificate Sample copy



**NBA Awareness Webinar**  
on  
**Outcome Based Education and Accreditation**  
**Participation Certificate**




*This is to certify that*  
**Prof./ Dr./ Mr./ Ms. Ankit Agrawal**  
**From Jaipur Engineering college Kukas**

has attended the NBA Awareness Webinar on “**Outcome Based Education and Accreditation**” on 4<sup>th</sup> December 2020, jointly organized by NBA and Rajasthan Technical University Kota for the Engineering Colleges in Rajasthan.




**Prof. V. K. Chandna**  
**(Principal, JECRC Jaipur)**  
**Nodal Officer**  
**NBA Awareness Webinar**  
**RTU Kota**

Coordinators Certificate Sample copy




**NBA Awareness Webinar**  
on  
**Outcome Based Education and Accreditation**  
**Certificate of Appreciation**



*This is to certify that*  
**Prof. Sandeep Vyas from Jaipur Engineering College and Research Center, Jaipur**

has coordinated the NBA Awareness Webinar on “**Outcome Based Education and Accreditation**” on 4<sup>th</sup> December 2020, jointly organized by NBA and Rajasthan Technical University Kota for the Engineering Colleges in Rajasthan.



**Prof. V. K. Chandna**  
**(Principal, JECRC Jaipur)**  
**Nodal Officer**  
**NBA Awareness Webinar**  
**RTU Kota**



