



**NEW HORIZON  
COLLEGE OF ENGINEERING**

New Horizon Knowledge Park, Ring Road, Marathalli

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC

Accredited by NAAC with 'A' Grade, Accredited by NBA

**PROCEEDINGS OF THE  
14<sup>TH</sup> GOVERNING  
COUNCIL  
MEETING HELD ON  
5<sup>TH</sup> AUGUST 2020**

Ref: NHCE/GCM/011/2020/

Date: 28/07/2020

To

Dear Sir,

Sub: Invitation for 14<sup>th</sup> Governing Council Meeting

14<sup>th</sup> Governing Council Meeting of New Horizon College of Engineering, Bengaluru, is scheduled on 5<sup>th</sup> August 2020 at 10.30 Am.

Due to COVID -19 Pandemic the meeting will be conducted online through Zoom App. The link for the meeting is as given below.

Please accept our invitation and make it convenient to attend the meeting online. This is an opportunity for us to interact with you and enrich ourselves with your valuable suggestions in achieving our organisation goals.

Kindly confirm your availability for the meeting.

The agenda for the meeting is attached for your kind perusal.

Thanking you

Yours Sincerely

  
Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore- 560 103.

**NEW HORIZON COLLEGE OF ENGINEERING**

**14<sup>th</sup> GOVERNING COUNCIL MEETING**

**AGENDA**

**Date:05/08/2020**

**Venue: Conference Hall, Chhatrapati Shivaji Block /Online via Zoom**

**Time: 11.00 AM**

1. Review and Recording of minutes of previous meeting.
2. Ratification/ approval of proceedings of Academic council meeting held on 24<sup>th</sup> July 2020.
3. Calendar of events of the academic year 2020-21.
4. Approval of budget 2020-21.
5. Review and Ratification of Appointments of Teaching and Non-Teaching Staff.
6. Ratification on introduction of new UG programmes and reduction in intake.
7. Review of R&D activities.
8. Review on preparation for NBA Tire-I certification.
9. Study exchange programme under “EK Bharat Shreshtha Bharat (EBSB) Programme as per AICTE requirements.
10. Review of placement status.
11. UGC/VTU Guidelines- Discussion
12. Any other points for discussion with the permission of Chairman.

## Members of the Governing Council

SL.NO	MEMBER	POSITION
1	Dr Mohan Manghnani	Chairperson
2	Mr. H N Surya Prakash	Member
3	Dr. R Bodhisatvan	Member
4	Dr. Prashanth C S R	Member
5	Dr. M. S. Ganesha Prasad	Member
6	Dr. Vijilius H Raj	Member
7	Mr. Gurucharan Singh	Member
8	Dr. B V Ravishankar	Member
9	Prof. H Devraj - UGC Nominee	Member
10	AICTE Nominee	Member
11	DTE Nominee	Member
12	Sri Sagar Nidavani - VTU Nominee	Member
13	Prof. T G Sitharam	Member
14	Dr. Manjunatha	Ex Officio Member Secretary



## **Minutes of the Meeting**

Principal Dr. Manjunatha Member Secretary cordially welcomed all the members of the Governing Council. Member Secretary presented the contents of the 14<sup>th</sup> Governing council Agenda.

### **Agenda 1**

Review and Recording of minutes of previous meeting.

Principal read out the minutes of the 13<sup>th</sup> G C meeting.

All the committee members have unanimously ratified and approved 13<sup>th</sup> G C meeting.

Copy of the 13<sup>th</sup> G C meeting is enclosed at **Annexure - 1**

### **Agenda 2**

Ratification/ Approval of proceedings of Academic Council meeting held on 24<sup>th</sup> July 2020.

All the agenda points of the Academic Council meeting were briefed by member secretary.

All the committee members have unanimously ratified and approved the agenda points of the Academic Council meeting.

Copy of the Academic Council meeting is enclosed at **Annexure - 2**

### **Agenda 3**

Calendar of Events of the Academic Year 2020-21

Principal has presented the Academic Calendar of events of odd semester for the year 2020-21 of the college, he has briefed about the dates of commencement of the semester, CIE and SEE. He also informed that based on the institute calendar of events all departments will plan their department calendar of events.

Regarding conducting of classes for the Odd semester, Dr. B V Ravishankar and Prof. T G Sitharam opined that, in future the regular classes should be

conducted through online and the induction programme for the 1st semester students should also be conducted through online as the COVID-19 situation will not improve in the near future.

The calendar of events was ratified and approved by all the members.

Copy of the calendar of events for AY 2020-21 is enclosed at **Annexure-3**

#### **Agenda 4**

Approval of budget 2020-21

Principal has presented the overall budget of the institute for the Academic year 2020-21, and also individual budget of all the departments.

The budget for the Academic Year 2020-21 was approved by the committee members.

Copy of the Approved Budget for the AY 2020-21 is enclosed at **Annexure -4**

#### **Agenda 5**

Review and Ratification of appointments of Teaching and Non-Teaching staff.

Principal has presented the list of the candidates appointed for the Academic year 2020-21, same was ratified and approved by the committee members.

Copy of the list of candidates appointed for AY 2020-21 is enclosed at **Annexure -5**

#### **Agenda 6**

Ratification and Introduction of New UG Programmes and Reduction in Intake.

Principal informed that two new UG courses viz Artificial Intelligence & Machine Learning and Computer Engineering are introduced from the Academic Year 2020-21 and also he informed that the intake for Civil Engineering and Automobile Engineering is reduced.

The Approval from AICTE was presented to the committee.

The committee has ratified and approved the same.

Copy of the approval letter from AICTE is enclosed at **Annexure-6**

## **Agenda 7**

Review of R&D Activities

The following points discussed

- a. Faculty Evaluation Metrics for R&D Efforts and Publication Credentials for Monthly Monitoring by HoD/Principal has been presented.

Principal briefed in-depth about the faculty evaluation metrics. Dr. Ravishankar has appreciated the same and further he informed that, focus has to be on the Ph.D holders to make them to write proposals in coordination with other junior faculty members. One proposal per year has to be made compulsory. He informed to form a cluster research cell and invite Professors of repute from other premier institutes to review the proposal and interact with the faculty members. By doing this the quality of the proposals can be improved. Principal has invited Dr. Ravishankar to our college to address our faculty members, sometime later after the COVID crises.

- b. Patents

Principal has presented the total number of patents filed and patents published for the year 2019-20. The committee has expressed their happiness and recorded their appreciations over the efforts of filing good number of patents!

- c. Grants

The Sponsored Research Grants, Consultancy Grants and Royalty from Patents for the year 2018-19 were presented and same has been appreciated by the committee.

- d. Students Satellite Project/Golden Jubilee Celebration of NHEI

The Students Satellites Team of NHCE is in the process of finalising the Design and Development NHCE Nanosatellite (NHCEsat) which will be launched during 2021 to celebrate the 50 years of NHEI service to the nation!

Copy of the details of R&D Activities are enclosed at **Annexure-7**

## **Agenda 8**

Review on Preparation for NBA Tier -1 Certification

Principal informed that institute is upgrading NBA certification from Tier-2 to Tier-1. Pre qualifier for four departments viz CSE, CIV, ECE and ME has been sent. Preparations for Accreditation are in progress. All the committee members agreed for the same.

Copy of the Pre qualifier enclosed as **Annexure-8**

## **Agenda 9**

Study Exchange programme under "Ek Bharth Shreshtha Bharth" (EBSB) Programme as per AICTE requirements.

Principal informed that under EBSB, NHCE is selected for pairing with institutions from Uttar Khand. Due to COVID-19 Pandemic the entire programmes cancelled and it is planned to conduct the programmes through online.

All the committee members have agreed for the same.

Dr Ravishankar informed that there is programme on Global Networking fully sponsored by MHRD and this is a one week work shop.

Copy of the activities planned for EBSB through online is enclosed as **Annexure-9**

## **Agenda 10**

Review of Placement Status

Principal has presented placement status and the following points were discussed

a. Branch wise placement details

Totally 978 students are placed for the year 2020 batch.

b. Civil Department Placement

The placement in civil department is very poor hence a action plan is made to improve the placement status for 2020 batch.

c. Concerns 2020 batch and changes in recruitments

Concerns regarding joining dates, withdrawal of offers and delay in placement process for MBA students were discussed. The changes in placement process by the companies were also discussed.

- d. BE Training report and Degree Training reports were discussed. All the committee members have expressed their happiness over the number of placements for the year 2020.

Copy of the placement status is enclosed at **Annexure-10**

### **Agenda 11**

UGC/ VTU Guidelines - Discussion

Calculation of Grades for the intermediate semesters were discussed in line with VTU/UGC guidelines and finalized.

Copy of the UGC/VTU Guidelines enclosed at **Annexure-11**

### **Other points discussed**

- a. Recommended fee & other charges payable by the students  
The recommended fees & other charges payable by the students were discussed & ratified by the committee.
- b. Invest funds belonging to the institutions in approved securities as it shall be, from time to time, think fit or in the purchase of immovable property.
- c. Transfer or accept transfer of any movable & immovable property to the institution.

### **Vote of Thanks**

Principal expressed his sincere thanks to all the members for attending the meeting and for their valuable suggestions. With this the meeting was formally concluded.

  
Principal

# ANNEXURE - 2

**NEW HORIZON COLLEGE OF ENGINEERING**  
**CALENDAR OF EVENTS FOR EVEN SEM 2020-21**  
**B.E ( VI & VIII SEM)**

Commencement: 22.03.2021

Last Working Day: 02.07.2021

MONT H	Week No.	MON	TUE	WED	THU	FRI	SAT	SUN	Events/Holidays	Activities( Internal Tests, Quiz & Others)
Mar	1	22	23	24	25	26	27	28		22nd - Commencement of classes
	2	29	30	31					29th March - Holi	
Apr	2				1	2	3	4	2nd April - Good Friday	
	3	5	6	7	8	9	10	11		
	4	12	13	14	15	16	17	18	13th April - Ugadi, 14th April - Ambedkar Jayanthi	
	5	19	20	21	22	23	24	25		
	6	26	27	28	29	30				26th, 27th, 28th April - I IA Test
May	6						1	2	1st May - May Day	
	7	3	4	5	6	7	8	9		
	8	10	11	12	13	14	15	16	14th May - Ramzan	
	9	17	18	19	20	21	22	23		
	10	24	25	26	27	28	29	30		27th, 28th & 29th May - II IA Test
June	11	31								
	12		1	2	3	4	5	6		
	13	7	8	9	10	11	12	13		
	14	14	15	16	17	18	19	20		
	15	21	22	23	24	25	26	27		24th, 25th & 26th June - III IA Test
July	15	28	29	30						
	16				1	2	3	4		2nd July - Last Working Day
	17	5	6	7	8	9	10	11		
	18	12	13	14	15	16	17	18		
	18	19	20	21	22	23	24	25	21st July - Bakrid	
<b>Note:</b>										
1. No Separate Circulars will be issued regarding Activities mentioned above.										
2. The Industrial Visits and Guest Lectures shall be arranged on Weekends.										
3. Internal Tests / Quiz / Assignments / Workshops / Seminars / Conference / Guest Lectures / BOS / BOE Meetings to be included in the department calender.										
4. Holidays*- Refer list of Holidays for year 2021.										
5. Supplementary Semester: Commences from 1st August 2021										

DEAN ACADEMICS

PRINCIPAL

NOTE	
Commencement / Closing Dates	
Holidays	
Internal Tests	
Graduation Day	
Semester End Exam (Practical Exams/Mini Projects/Seminars)	
Semester End Exam (Theory)	

**NEW HORIZON COLLEGE OF ENGINEERING  
CALENDAR OF EVENTS FOR EVEN SEM 2020-21  
B.E (IV SEM)**

Commencement: 08.04.2021

Last Working Day: 24.07.2021

MONTH	Week No.	MON	TUE	WED	THU	FRI	SAT	SUN	Events/Holidays	Activities( Internal Tests, Quiz & Others)
April	1				8	9	10	11		8th April - Commencement of classes
	2	12	13	14	15	16	17	18	13th April - Ugadi, 14th April - Ambedkar Jayanthi	
	3	19	20	21	22	23	24	25		
	4	26	27	28	29	30				
May	4						1	2	1st May - May Day	
	5	3	4	5	6	7	8	9		
	6	10	11	12	13	14	15	16	14th May - Ramzan	
	7	17	18	19	20	21	22	23		
	8	24	25	26	27	28	29	30		27th, 28th & 29th May - I IA Test
June	9	31								
	9		1	2	3	4	5	6		
	10	7	8	9	10	11	12	13		
	11	14	15	16	17	18	19	20		
	12	21	22	23	24	25	26	27		24th, 25th & 26th June - II IA Test
July	13	28	29	30						
	13				1	2	3	4		
	14	5	6	7	8	9	10	11		
	15	12	13	14	15	16	17	18		16th, 19th, 20th July - III IA Test
	16	19	20	21	22	23	24	25	21st July - Bakrid	24th July - Last working day
August	17	26	27	28	29	30	31			
	17							1		
	18	2	3	4	5	6	7	8		
	19	9	10	11	12	13	14	15		

**Note:**

1. No Separate Circulars will be issued regarding Activities mentioned above.
2. The Industrial Visits and Guest Lectures shall be arranged on Weekends.
3. Internal Tests / Quiz / Assignments / Workshops / Seminars / Conference / Guest Lectures / BOS / BOE Meetings to be included in the department calender.
4. Holidays\*- Refer list of Holidays for year 2021.
5. Supplementary Semester: Commences from 1st September 2021

DEAN ACADEMICS

PRINCIPAL

NOTE	
Commencement / Closing Dates	
Holidays	
Internal Tests	
Graduation Day	
Semester End Exam (Practical Exams/Mini Projects/Seminars)	
Semester End Exam (Theory)	



**NEW HORIZON COLLEGE OF ENGINEERING  
CALENDAR OF EVENTS FOR EVEN SEM 2020-21  
B.E (II SEM)**

Commencement: 03.05.2021		Last Working Day: 10.08.2021									
MONTH	Week No.	MON	TUE	WED	THU	FRI	SAT	SUN	Events/Holidays	Activities( Internal Tests, Quiz & Others)	
May	1	3	4	5	6	7	8	9		3rdMay - Commencement of classes	
	2	10	11	12	13	14	15	16	14th May - Ramzan		
	3	17	18	19	20	21	22	23			
	4	24	25	26	27	28	29	30		27th, 28th & 29th May - I IA Test	
	5	31									
June	5		1	2	3	4	5	6			
	6	7	8	9	10	11	12	13			
	7	14	15	16	17	18	19	20			
	8	21	22	23	24	25	26	27		24th, 25th & 26th June - II IA Test	
	9	28	29	30							
July	9				1	2	3	4			
	10	5	6	7	8	9	10	11			
	11	12	13	14	15	16	17	18			
	12	19	20	21	22	23	24	25	21st July - Bakrid		
	13	26	27	28	29	30	31			26th, 27th & 28th - III IA Test	
Aug	13							1			
	14	2	3	4	5	6	7	8			
	15	9	10	11	12	13	14	15			

**Note:**

- No Separate Circulars will be issued regarding Activities mentioned above.
- The Industrial Visits and Guest Lectures shall be arranged on Weekends.
- Internal Tests / Quiz / Assignments / Workshops / Seminars / Conference / Guest Lectures / BOS / BOE Meetings to be included in the department calender.
- Holidays\*- Refer list of Holidays for year 2021.
- Supplementary Semester: Commences from 1st September 2021

DEAN ACADEMICS

PRINCIPAL

NOTE	
Commencement / Closing Dates	
Holidays	
Internal Tests	
Graduation Day	
Semester End Exam (Practical Exams/Mini Projects/Seminars)	
Semester End Exam (Theory)	

**OFFICE OF THE CONTROLLER OF EXAMINATIONS**

**TENTATIVE COE CALENDAR OF EVENTS FOR UG & PG (EVEN SEMESTER AY: 2020-21)**

SL No	Events	II SEM BE	IV SEM BE	VI & VIII SEM BE	II SEM PG	IV & VI SEM PG
1	Commencement of Classes	26-Apr-2021	8-Apr-2021	22-Mar-2021	10-May-2021	22-Feb-2021
2	Last Working Day	3-Aug-2021	24-Jul-2021	2-Jul-2021	17-Aug-2021	3-Jun-2021
3	Reregistration for Even Semester	on or before 26-04-2021	on or before 08-04-2021	on or before 22-03-2021	on or before 10-05-2021	on or before 22-02-2021
4	Freezing Student Data of Even semester	3-Aug-2021	24-Jul-2021	2-Jul-2021	17-Aug-2021	3-Jun-2021
5	Announcement of SEE Time table & Fees Notification	29-Jun-2021	30-May-2021	30-May-2021	29-Jun-2021	15-May-2021
6	Announcement of Time table for Make-up Examination(tentative)	23-Aug-2021	26-Jul-2021	26-Jul-2021	23-Aug-2021	1-Jul-2021
7	SEE Practical Examination(Tentative)	04 Aug to 09 Aug 2021	24 July to 31 July 2021	3 July to 10 July 2021	18 Aug to 21 Aug 2021	4 June to 12 June 2021
8	SEE Theory Examination (Tentative)	10 Aug to 21 Aug 2021	2 Aug to 14 Aug 2021	12 July to 24 July 2021	23 Aug to 1 Sep 2021	14 June to 5 June 2021
9	Makeup Practical Examination(Tentative)	20 Sep- 30 Sep 2021	30 Aug to 11 Sep 2021	9 Aug to 14 Aug 2021	20 Sep- 30 Sep 2021	5 July to 10 July 2021
10	Makeup Theory Examination (Tentative)					
17	Commencement of Supplementary Semester	1-Sep-2021	1-Sep-2021	19-Jul-2021	13-Sep-2021	1-Jul-2021
18	Supplementary Examination Shedule	11 Oct to 23 Nov 2021	11 Oct to 23 Nov 2021	1 Sep to 18 Sep 2021	11 Oct to 23 Nov 2021	1 Sep to 18 Sep 2021

# ANNEXURE - 3

## New Horizon College of Engineering

### Appointments for the year 2020-2021

SI No.	Date of issuing appointment order	Name	Post Applied	Department	Qualification	Type	Status	DOJ
1	2/3/2020	Mr. Joel George	HOD-M&B	M&B	MBA	Non-Teaching	Appointed	3/3/2020
2	14/03/2020	Bharathi C	H R Executive	Human Resources	MBA	Non-Teaching	Appointed	Did not join
3	12/3/2020	Dimple W G	Office Executive	Administration	BE	Non-Teaching	Appointed	4/1/2021
4	14/03/2020	Shalini Joshi	Principal Secretary	Administration	BBA	Non-Teaching	Appointed	2/9/2020
5	16/03/2020	Mr. Manjunath R N	HR manager	HRD	MBA	Non-Teaching	Appointed	18/03/2020
6	19/6/2020	Mr. Dinesh	Site Supervisor	Construction	XII	Non-Teaching	Appointed	22/06/2020
7	19/6/2020	Ms. Michelle Rajesh	Admission officer	Admissions		Non-Teaching	Appointed	1/5/2020
8	10/7/2020	Ms. Staccika Susan	Secretary	HR	B.Com	Non-Teaching	Appointed	3/8/2020
9	24/7/2020	Mr. Adarsh Madhusudhan	Trainee	M&B	ME	Non-Teaching	Appointed	10/7/2020
10	8/8/2020	Mr. Jagadeesh Murthy	Sr. Engineer	Construction	ME	Non-Teaching	Appointed	10/8/2020
11	13/8/2020	Mr. Dharmesh Manghnani	EA to Chairman	NHEI		Non-Teaching	Appointed	
12	21/8/2020	Ms. Priyadarshini B	Jr. Quantity Surveyor	Construction	BE	Non-Teaching	Appointed	Did not join
13	11/9/2020	Mr. kalagouda Bhadrakali	ASO	Security	NHEI	Non-Teaching	Appointed	18/09/2020
14	18/09/2020	Mr. Deepak G	Lab asst	CSE	B.Tech	Non-Teaching	Appointed	8/3/2021
15	23/09/2020	Mr. Ganesh Babu	Lab asst	CSE	B.Tech	Non-Teaching	Appointed	8/3/2021
16	26/09/2020	Mr. C M Raja Naresh	Asst. Store Keeper	Stores	B.Tech	Non-Teaching	Appointed	21/09/2020
17	17/10/2020	Mr. Ashoka S	Photographer	M&B	B.Com	Non-Teaching	Appointed	21/10/2020
18	21/11/2020	Harish Prabhakaran	H O D Marketing	Marketing & Branding	B E	Non-Teaching	Appointed	10/12/2020
19	5/2/2021	Raveendra Honapur	Office Executive	Administration	PUC	Non-Teaching	Appointed	9/2/2021
20	3/2/2021	Veena S	Admin Executive	Administration	Diploma	Non-Teaching	Appointed	10/2/2021

21	06/01/2021	Mr. Yathi Chandra	Maintenance Engineer	Construction	B.E	Non-Teaching	Appointed	11/1/2021
22	8/1/2021	Ms. Sanjeevani Bardhan	Content Writer	Digital Marketing		Non-Teaching	Appointed	18/01/2021
23	11/1/2021	Mr. Robin Jose	Staff Nurse	Administration	B.sc	Non-Teaching	Appointed	4/1/2021
24	13/1/2021	Mr. Neeraj	Lab Instructor	ME	B.Tech	Technical	Appointed	11/1/2021
25	29/1/2021	Mr. Veerabhadrayya	ASO	Security		Non-Teaching	Appointed	1/2/2021
26	1/2/2021	Ms. Ranjitha	Web Developer	Digital Marketing	B.Tech	Non-Teaching	Appointed	10/2/2021
27	13/2/2021	Ms. Reshma Rajan	Counselor	Counseling	M.Sc	Non-Teaching	Appointed	15/03/2021
28	16/2/2021	Ms. Bhavtarini	Counselor	Counseling	M.Sc	Non-Teaching	Appointed	15/03/2021
29	18/2/2021	Mr. Venkatesha	Lab Instructor	EEE	B.Tech	Non-Teaching	Appointed	8/3/2021
30	22/2/2021	Ms. Hemalatha	Aptitude Trainer	HRD	B.Tech	Non-Teaching	Appointed	1/3/2021
31	3/3/2021	Mr. Girish H S	Maintenance Engineer	Construction	Diploma	Non-Teaching	Appointed	8/3/2021
32	3/3/2021	Mr. Lakshman	Asst. to Purchase officer	Stores	XII	Non-Teaching	Appointed	4/3/2021
33	4/3/2021	Ms. Gemlet C J	HR Generalist	HR	B.Com	Non-Teaching	Appointed	8/3/2021
34	8/3/2021	Mr. Vignesh	Aptitude Trainer	HRD	B.Tech	Non-Teaching	Appointed	17/03/2021
35	10/3/2021	Mr. Rishi Ranjan	Aptitude Trainer	HRD	B.Tech	Non-Teaching	Appointed	5/4/2021
36	10/3/2021	Mr. Santosh	Lab Instructor	ECE	B.Tech	Non-Teaching	Appointed	15/3/2021
37	24/3/2021	Ms. Angel Mary	Office Executive	Administration	B.Com	Non-Teaching	Appointed	25/03/2021
38	24/3/2021	Ms. Shilpa G S	Office Executive	Administration	BCA	Non-Teaching	Appointed	25/03/2021
39	25/3/2021	Ms. Neelima	Quantity Surveyor	Construction	B.E	Non-Teaching	Appointed	15/04/2021

SI No.	Date	Name	Post Applied	Department	Qualification	Type	Status	DOJ
1	30/05/2020	Aditi Raj	Asst Professor	Engineering	Ph.D	Teaching	Appointed	24/08/2020
2	6/5/2020	Daliya V K	Asst Professor	Communication & Science	M.Tech	Teaching	Appointed	24/08/2020
3	29/07/2020	Dinesh G	Asst Professor	Engineering	Ph.D	Teaching	Appointed	22/09/2020

4	18/09/2020	Gautam K S	Asst Professor	Science & Engineerin	Ph.D	Teaching	Appointed	28/08/2020
5	18/09/2020	Kalai vani	Asst Professor	Science & Engineerin	Ph.D pursuing	Teaching	Appointed	19/10/2020
6	6/5/2020	Praveen Pawaskar	Asst Professor	Science & Engineerin	M.Tech	Teaching	Appointed	24/08/2020
7	14/03/2020	Rachana P	Asst Professor	Science & Engineerin	Ph.D	Teaching	Appointed	24/08/2020
8	12/10/2020	Sreekanth Rallapalli	Sr.Assistant Professor	Computer Applicatio	Ph.D	Teaching	Appointed	21/12/2020
9	6/5/2020	Vinodha k	Asst Professor	Science & Engineerin	ME	Teaching	Appointed	24/08/2020
10	3/3/2020	Vinoth Kumar K	Associate Proff	& Electronics	Ph.D	Teaching	Appointed	24/08/2020
11	20/6/2020	Ms. Kumkum Som	AP2	Science & Engineerin	ME	Teaching	Appointed	24/08/2020
12	10/7/2020	Mr. Santhosh Krishna	Sr.Assistant Professor	& Communic	ME	Teaching	Appointed	24/08/2020
13	10/7/2020	Ms. Subhashree Rath	Sr.Assistant Professor	CSE	ME	Teaching	Appointed	1/9/2020
14	23/7/2020	Dr. Hemanth Raju	Associate Proff	I Engineerin	Ph.D	Teaching	Appointed	26/08/2020
15	29/7/2020	Mr. K M Ravi Eshwar	AP2	& Electronics	ME	Teaching	Appointed	Did not join
16	3/8/2020	Dr. N Prabhakaran	Sr.Assistant Professor	& Electronics	Ph.D	Teaching	Appointed	24/08/2020
17	5/8/2020	Ms. Asha K	AP2	BSH	M.Sc	Teaching	Appointed	21/12/2020
18	10/8/2020	Mr. Anush G R	AP2	& Communic	ME	Teaching	Appointed	24/08/2020
19	10/8/2020	Ms. Lohitha Mallireddy	AP2	ISE	ME	Teaching	Appointed	24/08/2020
20	13/8/2020	Ms. Chempavathy B	AP2	CSE	ME	Teaching	Appointed	24/08/2020
21	24/8/2020	Dr. Supriya S	Sr.Assistant Professor	ISE	Ph.D	Teaching	Appointed	26/08/2020
22	29/8/2020	Mr. Kiran Kumar	Sr.Assistant Professor	CSE	ME	Teaching	Appointed	1/9/2020
23	1/9/2020	Dr. Aravind Shivappa Kapse	Professor	ISE	Ph.D	Teaching	Appointed	1/9/2020
24	3/9/2020	Ms. Archana Nair	Sr.Assistant Professor	CSE	ME	Teaching	Appointed	21/09/2020
25	3/9/2020	Ms. Aneeta Antony	Sr.Assistant Professor	ECE	ME	Teaching	Appointed	1/10/2020

26	7/9/2020	Ms. Harshitha H	AP1	CSE	ME	Teaching	Appointed	7/9/2020
27	7/9/2020	Dr. M Mahesh	Professor & HOD	EEE	Ph.D	Teaching	Appointed	28/09/2020
29	24/9/2020	Ms. Jessica Pratyusha	Sr.Assistant Professor	ISE	ME	Teaching	Appointed	5/10/2020
30	22/12/2020	Dr. D Krishna Kumar	Associate Prof	MBA	Ph.D	Teaching	Appointed	18/01/2021
31	25/01/2021	Dr. Arangarajan Vinayagam	Visiting Faculty	EEE	Ph.D	Teaching	Appointed	25/01/2021
32	29/01/2021	Dr. Vaishali Deshmukh	Associate Prof	CSE	Ph.D	Teaching	Appointed	17/02/2021
33	5/2/2021	Dr. Manikandan	HOD-CE	CSE	Ph.D	Teaching	Appointed	
34	8/2/2021	Ms. Vansha Kher	Sr.AP	ECE	M.Tech	Teaching	Appointed	8/3/2021
35	13/02/2021	Dr. J subhashini	Associate Prof	CSE	Ph.D	Teaching	Appointed	8/3/2021
36	16/02/2021	Dr. Amarjeet Singh	Dean- Academics	Academics	Ph.D	Teaching	Appointed	22/3/2021
37	16/02/2021	Dr. Senthil Kumar	Associate Prof	CSE	Ph.D	Teaching	Appointed	8/3/2021
38	2/3/2021	Mr. Parag Jain	AP	ECE	M.Tech	Teaching	Appointed	10/3/2021
39	2/3/2021	Dr. Nagendra Prabhu	Associate Prof	CSE	Ph.D	Teaching	Appointed	5/4/2021
40	4/3/2021	Dr. Suresh	Associate Prof	CSE	Ph.D	Teaching	Appointed	
41	22/03/2021	Dr. Anidha	Associate Prof	CSE	Ph.D	Teaching	Appointed	24/3/2021
42	24/03/2021	Ms. S Gayathri	AP	ECE	M.Tech	Teaching	Appointed	5/4/2021

# ANNEXURE - 4



## Consolidated List of Sponsored Research Grants, Consultancy Grants & Royalty from Patents for Last 7 Years

Nature of Grant	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	Amount in Rs.
Research Projects Grants	7,85,99,314.00	6,76,24,000.00	6,33,82,382.00	1,24,34,275.00	78,97,000.00	55,07,000.00	20,20,000.00	23,74,63,971.00
Consultancy Grant	1,18,80,000.00	1,16,57,100.00	89,67,000.00	76,48,900.00	47,64,000.00	47,22,000.00	47,04,276.00	5,43,43,276.00
Commercialization of Research Results/ Licensing of IPR/ Patents	52,25,000.00	51,50,000.00	37,50,000.00	23,00,000.00	11,00,000.00	8,00,000.00	50,000.00	1,83,75,000.00
<b>Total</b>	<b>9,57,04,314.00</b>	<b>8,44,31,100.00</b>	<b>7,60,99,382.00</b>	<b>2,23,83,175.00</b>	<b>1,37,61,000.00</b>	<b>1,10,29,000.00</b>	<b>67,74,276.00</b>	<b>31,01,82,247.00</b>

## Industry Sponsored Labs & Centers of Excellence: 7

**NIRF: 99 Rank (2018) 106 (2019) 114 (2020)**

## Major Milestones Achieved at NHCE:

**Startups/Entrepreneurship: 97 by Students/Faculty Members**

<http://newhorizonindia.edu/nhengineering/wp-content/uploads/2020/01/3A-GPHE-ENTERPRENUERSHIP.pdf>

**Vibrant Students' Satellite Projects are Going on @ NHCE!**

**Sponsored Research & Consultancy: Rs. 20,18,07,247.00 (Last 7 Years) Rs.29.18 Cr**

**Patents Granted/Confirmed: 12 Patents**

**Patents Filed: 249+ Patents**

**Patents Published in "Official Journal of the Indian Patent Office": 184 Patents**

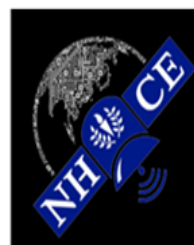
[http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1\\_4844\\_1/Part-2.pdf](http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4844_1/Part-2.pdf)

*Pdf Pages 171/324 to 180/324 of Patent Journal No. 08/2020 dated 21/02/2020*

**Patents Licensed/Commercialized: 4 (Earnings/Royalty): Rs.1.84 Cr (Last 7 Yrs)**

**Research Papers: 1213+ (International/National Journals/Conferences)**

**Books Published: 103 by Faculty Members of NHCE**



**NHCE Students' Satellite Programme**

## Road Less Travelled! Research@New Horizon: Achievements

### Major Achievements of R&D Cell at NHCE Since, AY 2015-16 to till Date!

- 1. Accreditations:** NAAC "A", NBA (5 Dept.), NBA (3 Dept.)
- 2. Awards and Honours:** IBM-UC Berkeley-AP Smart India Hackathon, 2018-20, Vijayawada Event 2017, IBM Awards, Highest Number of Patents Filed (Twice), Technology Award, Serbia, JPR, IEI-NDRF Awards, UNISEC Awards, ITCA Awards, Indo-Israel SpaceTech Awards, Stamps etc.
- 3. Rankings:** NIRF 2018, NIRF 2019 & NIRF 2020, ARIIA, MIIC, Dataquest, India Today, Times of India, Times B School Survey, Outlook, Careers 360, CII, ASSOCHAM Awards etc.
- 4. Major Conferences:** Organised/Participated: ITC 2016, 2017, UC Berkeley-AP Smart India Hackathon, 2017 August 29-31, Vijayawada, Bill Gates Visit to India on Nov 17, 2018 AgRuTech, Hackathon, BCIC Events, Accelathon, 2019 International Seminars on Small Satellites, Conference, TRIZ Events, IBM OpenPOWER AI Events etc.
- 5. Major Hackathons:** IBM-UC Berkeley-AP Smart India Hackathon, IBM Netherlands, Mellonex, Israel, AgRuTech Hackathon 2018, Accelathon 2.0 Hackathon etc.
- 6. International Delegations/Collaborations:** Indo-Israel, Indo-Serbia, Indo-Russia, Indo-Japan, Indo-Italy, Indo-Germany, Indo-Portugal, Indo-Canada
- 7. International Internships/Summer Schools:** UCAL, USA, Samara, Russia, Skoltech, Moscow, Russia, ISU, France, Tokyo University, Japan, Tel Aviv University, Teknion, Israel, COSPAR/UNOOSA, Israel, IBM OpenPOWER Foundation, IIT Kanpur etc.
- 8. Satellites' Project Initiatives:** ISAC Visit-Serbia-CanSat etc. Workshops (KSIT, Namakkal, JPR, Tiruchendur, Madurai etc.) Publications (Indo-Israel Book, Compendium, Small Satellite-Big Applications), Satellite Launch by Israel with PSLV. 2021 Q2 Launch with GK Russia: Indo-Serbia Satellites, Satellites for Small Nations: UNTY Project etc.
- 9. Professional Associations/Networks with Industry:** IEI, NDRF, WFEO, ITCA, UNISEC, BRICS FEO, IBM OpenPOWER, WAE, IPE, Bangalore Chamber of Industry and Commerce (BCIC), FKCCI, Legend, Enti Innovations, DRL, 75 Students' Satellites Consortium: Mission 2022, Object Automation, IBM OpenPOWER Foundation, etc.
- 10. Eminent Advisory Board/Networks:** ISRO Former Chairman, Dr.A S. Kiran kumar, Dr.B N. Suresh, Dr. Duttaguru, Dr. Y S. Rajan, Dr. R M. Vasagam, Dr. M. Annadurai, Dr. Meir Ariel, Dr. Fabio, Dusan, Dr. L V. Muralikrishna Reddy, Dr. Wooday P Krishna, Hon. Emeritus Professors etc.
- 11. Noteworthy Projects/Start-ups:** Motion Capture System, Expandable Auditorium on Wheels, Mobile Clinic, Wall Cleaning Robot, TBI/EDC Start-ups Mentored, Implemented, Ongoing: Drones, Rainbow Projects, MHRD Institution Innovation Council (MIIC), Atal Ranking of Institutions on Innovation Achievements (ARIIA), SIRO Status of DSIR etc.
- 12. During Covid-19:** Contributions to Consolidated Covid-19 Research Resources Repository of VTU and National Digital Library (NDLI) COVID-19 Academic and Research Repository by NHCE Students and faculty Members
- 13. Patents:** Filed, Published in Indian Patent Journal, Commercialized
- 14. Publications:** WoS, Scopus, ICI, Google Scholar, Compendium, Monograph, ITC Books, 103 Books etc.
- 15. R&D Grants/Consultancy:** Last 6 Years' Table, AICTE AQIS, Margdarshan etc.
- 16. Media Watch:** Print & Visual Media, TV News on NHCE R&D, Videos etc.

## New Horizon College of Engineering

### Research Paper Publication Details as per NAAC Data Collected

<b>Year/Department</b>	<b>BSH</b>	<b>AU</b>	<b>CIVIL</b>	<b>CSE</b>	<b>ECE</b>	<b>EEE</b>	<b>ISE</b>	<b>MECH</b>	<b>MBA</b>	<b>MCA</b>	<b>Total Publications</b>
<b>2020-2021</b>	<b>9</b>	12	4	7	5	26	27	35	15	16	147
<b>2019-2020</b>	<b>24</b>	14	29	80	25	28	31	105	20	14	346
<b>2018-2019</b>	<b>11</b>	8	30	52	29	22	6	112	1	71	331
<b>2017-2018</b>	<b>13</b>	12	0	28	58	25	62	26	0	18	229

### Patents Filed/Published by Faculty Members/Students at NHCE during 2020

Sl. No.	Title of Patent/Discovery/Patent Pending No./ Patent No./ Patent Application Number	Jurisdiction/ Published in Indian Patent Journal/ Published Date	Inventors' Name Faculty Members/ Students/Emeritus Professors	Year of Application/ Grant/ Department
1.	Novel System, Method and Design of Swarm Detection and Beehive Monitoring System Using Auditory and Microclimatic Analysis E-2/2458/2018-CHE and Application No. 201841030647 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Nirmal Anand V Bharath Raj, Ullas M S S P Rahul Kumar Sachin B S Ashutosh Srivastava	ECE 2018
2.	Novel System, Method and Design of Lubrication System for 2 Stroke Petrol Engine E-2/2459/2018-CHE and Application No. 201841030648 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
3.	Novel System, Method and Design of Rishav Chhabra-Torque Piston (RC-T Piston) E-2/2460/2018-CHE and Application No. 201841030649 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Rishav Chhabra	Auto 2018
4.	Novel System, Method and Design of N-2 PISTON E-2/2461/2018-CHE and Application No. 201841030650 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
5.	Novel System, Method and Design of N-2 CHARGER E-2/2462/2018-CHE and Application No. 201841030651 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
6.	Novel System, Method and Design of Compressed Air Generation from Suspension of Automobiles for Pneumatic Applications E-2/2463/2018-CHE and Application No. 201841030652 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Dr. M S Ganesha Prasad Ravi Kumar M	Mechanical Auto 2018
7.	Novel System, Method and Design and Optimization of Blades for Solar Grass Cutter E-2/2464/2018-CHE and Application No. 201841030653 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Rakesh C Aditya Pradhan Sumit Kumar Ansuman Dalai	Mechanical Auto 2018
8.	Novel System, Method and Design and Development of Magnetic Elevator. E-2/2465/2018-CHE and Application No. 201841030654 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Ravi Kumar Md. Asadulla Shariff Akshay Kumar Rathor Abhay Pratap Singh	Mechanical Auto 2018
9.	Novel System, Method and Design of Electronic Fuel Injection System (EFIS) for N-2 Stroke Engine E-2/2466/2018-CHE and Application No. 201841030655 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
10.	Novel System, Method and Design of Multifunctional Smart Construction Equipment E-2/2467/2018-CHE and Application No. 201841030656 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Rijan Kafle	Mechanical 2018
11.	Novel System, Method, Idea and Design of Selective Disinfectant Spray Pathway (SDSP) TEMP/E-1/16961/2020-CHE and Application No.202041015744 Dt 10/04/2020	India	Hariraj Rajkumar Durairaj Rajkumar	ECE R&D 2020
12.	Novel System, Method and Design of Ambu Bag Ventilator System (ABVS) Application No. 202041016881 Dt 20.04.2020	India	Nikhil Riyaz	ECE R&D 2020
13.	A Handkerchief To Fight Against Viral Infections and a	India	Dr. M.S. Ganesha Prasad	ME

	Method of Fabricating the Handkerchief Application No. 202041017169 Dt 21/04/2020		Sainath Vamshi	CSE 2020
14.	A PocketQube Satellite (PQ Sat) Device Application No. 202041019888 Dt 11/05/2020	India	Hariraj Rajkumar	ECE R&D 2020
15.	The Remote Health Monitoring System with Wireless Sensor and IoT through Multivariate Medical Data M Application No. 201941044768 A Dt 05/11/2019	India 47/2019 Dt 22/11/2019	Dr. P. Mangayarkarasi et al (7) Filed by KLEF, Guntur, AP	ISE 2019
16.	Ensemble Multi-Stage System and Method to Predict Underwater Seismic Rated on Aquatic Behavior Application No. 202011009855 A Dt 07/03/2020	India 12/2020 Dt 20/03/2020	Dr. P. Mangayarkarasi et al (7) Filed by BPIT, New Delhi	ISE 2020
17.	Unmanned Aerial Vehicle (UAV) to Autonomously and Wirelessly Monitor Security Application No. 202041010349 A Dt 11/03/2020	India 11/2020 Dt 13/03/2020	Dr. K. Saravanan et al (7) Filed by PCT, Namakkal, TN	ISE 2020
18.	A System and Method for Automatic Street Lamp Lighting and Energy Saving Control Application No. 201941039625 A Dt 30/09/2019	India 42/2019 Dt 18/10/2019	Dr. B. Gunapriya et al (11) Filed by her with Others	EEE 2019
19.	IoT based People Counting and Alert System Using Dual Ultrasonic Sensor for Post Pandemic Safety Application No.202041029561 A Dt. 11/07/2020	India No. 31/2020 Dt 31/07/2020	Dr. B. Rajalakshmi et al (13) Filed by her with Others from 6 Institutions	CSE 2020
20.	Non-Isolated Bi-directional converters with Coupled Inductor (NBDCCI) for Hybrid Electric Vehicle (HEV) Applications. Application No. PCT/IN2019/050392 Dt. 16/05/2019	Europe WO/2020161728 13/08/2020	Krishnamurthy Vinoth Kumar et.al (11)	EEE 2020
21.	An Efficient Air Conditioner with Self Sanitizing Techniques Australian Application Number: 2020102996 Dt. 24/10/2020. Australian Govt- Australian Official Journal of Patents – Vol. 34, No. 46, November 2020	Australia AOJoP Vol. 34, No. 46, 19/11/2020	Krishnamurthy Vinoth Kumar et.al (13)	EEE 2020
22.	Detection of Rotor Faults on Asynchronous Motor Using Motor Current Signature Analysis and Instantaneous Power Analysis Method. Indian Patent No. 43068/DEL/2020. Application No.202011043068 A Dt. 03/10/2020. International Classification: H04L9/00	India 43/2020 24/10/2020	Krishnamurthy Vinoth Kumar Dr. B. Gunapriya et.al (15)	EEE 2020
23.	An Improved Brain Emotional Learning-Based Intelligent Controller (BELBIC) Controller for PMBLDC Motor Drives using Emotional Learning Techniques Application No.202041030788 Dt. 20/07/2020 International Classification: H02K 1/14	India No. 32/2020 Dt 07/08/2020	Dr. B. Gunapriya et.al (16)	EEE 2020
24.	A System and Method for Automatic Street Lamp Lighting and Energy Saving Control Application No.201941039625 Dt. 30/09/2019 International Classification: H05B37/00	India 42/2019 18/10/2019	Dr. B. Gunapriya et.al (13)	EEE 2019
25.	Solar Powered Electric Tricycle for Physically Challenged Persons Application No.202041049220 Dt. 11/11/2020 International Classification: B60K1/04	India 47/2020 20/11/2020	Dr. B. Gunapriya et.al (15)	EEE 2020
26.	Vehicle Braking System in Hill Station Application No.201841038947 Dt. 14/10/2018 International Classification: B60W10/06; B60W10/11 & 115	India 42/2018 19/10/2018	Dr. B. Gunapriya et.al (13)	EEE 2018
27.	Novel System, Method, Design of Telescopic Arcanaut Cutter And Sprayer 202041056551 Dt. 28/12/2020 E-2/3827/2020-CHE	India 28/12/2020	M. Ravikumar S. Rakesh	Mechanical 2020
28.	Novel System, Method and Design of Solar Panel with Maximum Output Using Digital Watch and Arduino Board 202041056552 E-2/3828/2020-CHE	India	Mr. Soumyadip Saha Mr. Varun Chebbi Mr. Kulshrestha Utkarsh Alok	Mechanical 2020
29.	202041056553 E-2/3829/2020-CHE Novel System, Method, Idea And Design of Perfect Scavenging Valve Timing (PSVT)	India	Narasimha Ramachandra Vadari	Auto Mechanical 2020



30.	202041056554 E-2/3830/2020-CHE Novel Navigational Traffic Management System Using Smart Lane Dividers	India	Dr.M.Dhivya, r.A.B.Gurulakshmi Dr.Sanjeev Sharma Dr.Reema Sharma	ECE 2020
31.	202041056555 E-2/3831/2020-CHE Design and Analysis of Novel High Frequency Multiconductor Transmission Lines (HF-MTL)	India	Dr. A.B.Gurulakshmi, Dr. Suresh Kumar Dr. S. Pavalarajan, Dr. Dhivya M Dr. Rajesh, Dr. Sanjeev Sharma	ECE 2020
32.	202041056556 E-2/3832/2020-CHE Diagnosis and Treatment of Disease in Plant Leaf Using Image Processing & Machine Learning	India	Monika Gupta Dr. Sanjeev Sharma	ECE 2020
33.	202041056557 E-2/3833/2020-CHE Novel System, Method and Design of Bluetooth Embedded Robotic Assistance for Agriculture Plowing	India	Dr. Anandhi R J RafegaBeham A Karthyayini J , <i>Bilvika K M</i> Asha K, <i>SakthiSridevi</i> <i>Manisha Samal</i>	ISE 2020
34.	202041056558 E-2/3834/2020-CHE Novel System, Method and Design of Chatbot for Monitoring Mental Health	India	Dr. Anandhi R J, Dr Saravanan Shanmugam Shobha M Gangadhar Immadi <i>Manoj R, Pratyksha Sharma</i> <i>Sindhu K S</i>	ISE 2020
35.	202041056559 E-2/3835/2020-CHE Novel System, Method and Design of Voice Enabled Support for Paralytic Victims	India	Dr. Anandhi R J Dr. Srinivasan L, Divya K V SwathiBasavaraju Gowri Prasad , <i>Amitshesh.K.N.</i> <i>Vishak.J.U, Lakshmi.K.S</i>	ISE 2020
36.	202041056560 E-2/3836/2020-CHE Novel System, Method and Design of Smart Glasses for Visually Impaired	India	Dr. Anandhi R J, Dr. P. Mangayarkarasi, Vandana C P Mounica B, <i>Sunil K A</i> <i>Muhammad Shahbaz Khan</i> <i>Pramod Sencha N</i>	ISE 2020
37.	202041056562 E-2/3837/2020-CHE Novel Method of Mathematical Expression for the Output Frequency of the Single-Ended Ring Oscillator	India	Dr. Aravinda Koithyar Dr. Telugu Kuppushetty Ramesh	ECE 2020
38.	202041056563 E-2/3838/2020-CHE Battery Monitoring & Management System for Electric Vehicle	India	Dr. Guna Priya B, Dr. Vinoth Kumar.K, Dr. Mahesh. M Ms. Deepa V. Bolanavar Mr. Satish Kumar D Ms. Rashmi N	EEE 2020
39.	202041056564 E-2/3839/2020-CHE Novel Method Diagnosis and Treatment of Disease in Plant Leaf Using Image Processing and Machine Learning	India	Monika Gupta Dr. Sanjeev Sharma	ECE 2020
40.	202041056565 E-2/3840/2020-CHE Novel Method for Improving Performance in Patient Monitoring Systems by Channel Estimation and Equal	India	Ms. Lipsa Dash	ECE 2020
41.	202041056566 E-2/3841/2020-CHE Novel Method Calix[4]Arene Anchored WS2 As A Versatile Nanocatalyst For Alkyne-Azide Cycloaddition	India	Raghu M S , Prashanth M K Parashuram L , Pradeep Kumar C B , Yogesh Kumar K	BSH Chemistry 2020
42.	202041056567 E-2/3842/2020-CHE Novel Method of an Efficient DNA Computing Model for Harmonious Coloring Problem	India	Dr. J. Kavitha	BSH Mathematics 2020
43.	202041056568 E-2/3843/2020-CHE Novel Method and System of Multi-Task Oriented Service Composition and Optimization Problem of Customer Order Scheduling Problem Using Fuzzy Min-Max Algorithm	India	Dr. Suma T	BSH Mathematics 2020
44.	202041056569 E-2/3844/2020-CHE Novel System, Method and Design of Wearable Sanitizer Dispenser With Flexible 360 Degree Rotating and Attachable Wristwatch Strap	India	Mr. Rijan Kafle	Mechanical 2020

	Locker			
45.	202041056570 E-2/3845/2020-CHE Neutral Point Clamped CH5 (NPC-CH5) Inverter Circuit for Transformer-Less PV Grid Connected Applications	India	Dr. Nisha K C R Surya Prabha J	ECE 2020
46.	202041056571 E-2/3846/2020-CHE A Collaborative Robot to Serve Patients and to Collect Infectious Wastage at the Isolation Ward	India	Dr. A. Singaravelan Dr. M Mahesh	EEE 2020
47.	202141000140 Dt 04/01/2021 E-2/15/2021-CHE Novel System, Method and Development of Automatic Speed Breaker Warning System	India 04/01/2021	Dr. M S Ganesh Prasad, Prof. Vinay D R, <i>Alex Baben Sanal Sankarankutty Mohamed Ashique Rohan S Nair</i>	Mechanical 2021
48.	202141000141 E-2/16/2021-CHE Novel System, Method of IOT Based Critical Aware Traffic Controller for Ambulance Service Using Machine Learning	India	Dr. B. Rajalakshmi Dr. R. Thirukkumaran Dr. R. Jaya, Sivabalan N <i>Anurag Rajshekar Hemanth P, Yatin Manchal</i>	CSE 2021
49.	202141000142 E-2/17/2021-CHE Novel System, Method of Smart Surveillance System for Theft Detection and Alert Generation Using IOT	India	Dr. B. Rajalakshmi Dr. R. Thirukkumaran Dr. R. Jaya, Gagan P <i>Krishna Vineeth P Nasir Hasan Dilawar Nithindra D</i>	CSE 2021
50.	202141000143 E-2/18/2021-CHE Novel System, Method of Development of Phenol Formaldehyde Hybrid Polymer Composite Reinforced With	India	Dr. A. Sujin Jose, Dr. Shridhar Kurse, K. A. Jayasheel Kumar Mohan Kumar G.R Karthik A.V, S. Sunil Prashanth Kumar, B.S.Smitha	Auto 2021
51.	202141000144 E-2/19/2021-CHE Monitoring of Fault Diagnosis in Asynchronous Motor Using Transform Analysis	India	Dr. Vinoth Kumar K Dr. Mahesh M Dr. GunaPriya B	EEE 2021
52.	202141000145 E-2/20/2021-CHE Monitoring of Artificial Neural Network Based Fault Identification in a Three Phase Induction Motor Using aTmega-32(A)	India	Dr. Vinoth Kumar K Dr. Mahesh M Dr. GunaPriya B	EEE 2021
53.	202141000146 E-2/21/2021-CHE Security Aspects of Aynchronous Motor Using Mobile Communication Analysis	India	Dr. Vinoth Kumar K Dr. Mahesh M	EEE 2021
54.	202141000147 E-2/22/2021-CHE Novel System and Method of Hybrid Filtering Model for Speckle Removal in SAR Images	India	Dr. Rajesh Gundlapalle Dr. A.B.Gurulakshmi, Dr. Dhivya M, Dr. Sanjeev Sharma	ECE 2021
55.	202141000148 E-2/23/2021-CHE Novel System and Method of Automated Attendance System	India	Dr. B. Mohan Kumar Naik Renuka D N, Aakash Singh N , Vignesh R, Yamini B, Varsha G R , Naveen N	ECE 2021
56.	202141000149 E-2/24/2021-CHE Novel System, Method and Approach of Texture Defect Detection Using Human Vision Perception Based Contrast	India	Dr. V. Asha	MCA 2021
57.	An Efficient Air Conditioner with Self Sanitizing Techniques Type: Innovation. Australian Patent number: 2020102996 Dt .24.10.2020 Patent Granting Date: 13.01.2021 and Patent Granting Published Date: 28.01.2021	Australia Australian Office Journal of Patents – Vol 34, No. 46, Nov 2020 19/11/2020	Dr. Vinoth Kumar K et. al (15)	EEE 2020 2021

Total Filed as on 21.01.2021: **247**

Published: **183**

Patents Commercialized: **11**

Royalty Earned from Patents: **Rs. 1,83,75,000/- (Rs.1.84 Cr.) For NIRF**

**NIRF 2021-Patents Filed, Published Granted**

DCS Data To be Filed/ Year	2019-20	2018	2017	2016
Patents Published	<b>121</b>	97	27	6
Patents Granted	<b>3</b>	2	2	4
Patents Filed	<b>126</b>	-	-	-

Royalty Earned from Patents during 2019-20: **Rs. 52,25,000/-**

*Total Filed as on 21.01.2021: 247*

*Published: 183*



# ANNEXURE - 5



# NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## Report on NBA Accreditation at NHCE

New Horizon College of Engineering has applied for accreditation of 4 UG programs i.e. Computer science Engineering, Civil Engineering, Electronics and Communication Engineering and Mechanical Engineering under Tier-1 category. The pre-qualifiers for the accreditation of the four UG programs under Tier-1 was submitted on 07/07/2020 with application number 4824 and application fee (10% of total fee) of Rs. 83,250/- (Rupees eighty three thousand two hundred and fifty only).

The pre-qualifiers for the above mentioned four UG programs was submitted to NBA on 23/07/2020 and approved by the NBA on 10/08/2020. The Self-Assessment Report (SAR) for the four UG programs was submitted on 11/11/2020 along with the 5 visit dates of 19/02/2021, 26/02/2021, 05/03/2021, 26/03/2021. The application fee of Rs. 8, 00,750/- (Rupees Eight lakh seven hundred and fifty only) was paid towards the same. The confirmation of expert team visit date from 16th to 18th April, 2021 was acknowledged along with the updated SAR for the year 2020-21.

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NEW HORIZON COLLEGE OF ENGG.

**To**

AccrIC.I

**CC****Subject**

Re:visit confirmation mail for Application No 4824-26/06/2020

**Attachment**

NBA - File

CivilNBA 2020.pdf

CSE 2019-20 NBA Report.pdf

2019\_2020\_SAR\_ECE\_17th March 2021.pdf

MECH NBA 2019 20.pdf

Dear Madam/Sir,

Dear Sir / Madam

Greetings from New Horizon College of Engineering

In continuation with the email for confirming the dates for NBA expert visits, We from New Horizon College of Engineering confirm the visit dates as mentioned by your good office.

At present Institution is working, and reopening for the students is scheduled from 22nd of March 2021, so during 16th to 18th of April 2021 the college is very much conducting offline / online classes of all the programs which is going to be evaluated by NBA expert team.

We also like to mention you that, we have uploaded the AICTE and VTU affiliation letters in our NBA dashboard from 2018 (as mentioned by your good office)

The E-SAR's of all the FOUR under graduate programs (*Civil Engg \ Computer Science & Engg \ Electronics & Communication Engg \ Mechanical Engg*) are attached with this mail.

**Thank You Very Much for Your Guidance and Support in submission of necessary documents**

Best Wishes

PRINCIPAL

The visit of Expert Team in respect of your application No. 4824-26/06/2020 for accreditation of its 4 UG Engineering programs is proposed to be fixed from **16<sup>th</sup> to 18<sup>th</sup> April, 2021** on the dates suggested by you. Kindly confirm by return mail that all the normal academic activities of the Institution, including the regular classes online/offline of the of all the programs to be evaluated, would be in progress during the course of the above slots of dates of visit.

3. You are also requested to upload duly authenticated copies of AICTE Approval Letters for the Academic Year 2018-2021 along with the Affiliation letters/orders of the affiliating University granting yearly affiliation to your Institution for the last five academic years including the current academic year i.e. 2020-21.

The above copies may be uploaded in the Profile Tab of your Institution on e-NBA portal year wise and link wise urgently.

4. In addition to this, please update the e-SAR of above 4 UG Engineering programs for the Academic year 2019-20 and send it through email on the portal at the earliest.

Regards,  
Accreditation Bureau  
NBA

# ANNEXURE - 6



# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD ( CR, L & D, P)

## 2021-Batch Placement analysis - BE/MCA/M.Tech

S.No.	Branch	No. of Students Registered	No. of Students Eligible (60-60-60%)	No. of Offers	Percentage placed
1	Auto	73	42	14	33
2	Civil	139	65	7	11
3	CSE	224	173	157	91
4	ISE	141	115	107	93
5	ECE	216	162	136	84
6	EEE	122	92	68	74
7	Mech	179	98	28	29
8	MCA	104	46	40	87
9	M.Tech	14	14	5	36
<b>Total</b>		<b>1212</b>	<b>807</b>	<b>562</b>	<b>70</b>

◆ **Auto & Mechanical companies awaited**

- 1 TMEIC
- 2 Volvo
- 3 Marutee Engineering
- 4 RAAM Group
- 5 Triveni Gears
- 6 R G Group
- 7 J K Tyres
- 8 IFB Infotech
- 9 Cyient

◆ **Civil companies awaited**

- 1 STUP Consultants
- 2 Taaltech
- 3 Salarpuria Sattva
- 4 DSR Infra
- 5 Sumadhura Group
- 6 Sowparnika Projects
- 7 Nagarjuna Constructions
- 8 NCCL
- 9 Atkins
- 10 Regalia Civil

- ◆ 20 Students from BE(Civil) have been offered Internship by Salarpuria Sattva. Post Internship based on their performance, full-time employment will be offered

# NEW HORIZON COLLEGE OF ENGINEERING

## Dept of HRD (CR, L&D and P)

### 2021 Batch -BE/MCA/M.Tech-Placement data

S. No	Company Name	Branches Eligible	Offer
1	A R Systsems Inc. (Japanese Co.)	CSE,ISE & MCA	1
2	JSOL (Japanese Co.)	CSE,ISE, ECE & MCA	1
3	Starland (Japanese Co.)	CSE,ISE,ECE	1
4	Intelligent Science Ltd (Japanese)	BE(CS,IS,EC,EE) & MCA	2
5	Lowe's India (Hackathon)	CSE/ECE/EEE	21
6	PhonePe	CSE,ISE	2
7	CISCO	ECE / EEE	1
8	Khoros	CSE/ ISE / ECE	2
9	Kaleyra	CSE / ISE/ ECE / EEE	3
10	VmWare	CSE,ISE	1
11	Lowe's India	CSE/ECE/EEE	14
12	Microchip	CSE,ISE	1
13	Eurofins IT	AU,CV, ME, CSE, ISE, ECE, EEE & MCA	6
14	TCS Digital & Ninja	All branches of BE	3
15	Capgemini (Premium)	AU,CV, ME, CSE, ISE, ECE, EEE & MCA	6
16	Capgemini / Altran	AU,CV, ME, CSE, ISE, ECE, EEE & MCA	120
17	ESKO	CSE, ISE, ECE, EEE	4
18	Cerner	CSE,ISE, & MCA	20
19	Surya Soft	CSE, ISE, ECE, EEE	4
20	NPCI	CS & IS	1
21	Hexaware Technologies	CSE, ISE, ECE, EEE	0
22	LTI (L & T Infotech)	All Branches / CSE & ISE only shortlisted	12
23	GoDigit General Insurance	CSE/ISE	1
24	Telaverge	BE(CS,IS) & MCA	5
25	Cognizant	All Branches of BE & MCA	60
26	Autoliv	Mech / CSE/ ISE	3
27	L & T Technologies	CSE,ISE,ECE &EEE	14
28	ACIES	CS & IS	0
29	Infosys (Hackwithinfy)	All branches of BE	1



# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD (CR, L&D and P)

2021 Batch -MBA Placement data

S. No	Company Name	Branches Eligible	Offer
1	Leadsquared	HR	1
2	Refinitive	Finance	7
3	Plaunshe	Marketing	1
4	Pinclick	Marketing	9
5	Adarsh Developers	Marketing	1
6	TCS	HR & Finance	2
7	JMR Infotech	Marketing	3
8	Enrich Consultants	HR	3
9	ICICI Bank	Finance & Marketing	8
10	Verzeo	Finance & Marketing	3
11	L&T Infotech	HR	4
12	SBI Life Insurance Co. Ltd.	Finance & Marketing	2
13	Toshiba	HR	1
14	William O Neil	Finance	6
<b>Total</b>			<b>51</b>



# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD (CR, L&D and P)

2021 Batch - Degree Placement data

S. No	Company Name	Branches Eligible	Offer
1	Lowe's India	BBM & B.Com	3
2	Deloitte	BCA	3
3	McKinsey	BCA, BBM & B.Com	1
4	Empower	BBM & B.Com	6
5	Hexaware Technologies	BCA	1
6	Wipro	BCA	2
7	NTT Data	BCA	8
8	DXC Technologies	BCA & B.Com	7
9	TCS	BCA	1
<b>Total</b>			<b>32</b>

# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD ( CR, L & D, P)

## Branchwise students placed - 2019-20-21

No. of Students selected			
Branch	Year		
	2018-19	2019-20	2020-21
AU	15	18	14
BT	14	5	N/A
CSE	153	225	157
CV	44	15 *	7 *
ECE	117	167	136
EEE	66	65	68
ISE	102	123	107
ME	67	72	28
M.Tech	5	2	5
MCA	31	58	40
MBA	93	69	51
<b>Total</b>	<b>707</b>	<b>804</b>	<b>606</b>

\* Internship provided to many students

### **Challenges Faced During Online Examinations:**

- **Internet Connections problems:** Students who live in remote areas or areas where connections are bad, can face great difficulty in completing their exams on time or even appearing in it. This is affecting their performance.
- **Integrity:** Students will have an upper hand in online examinations as they can easily take the help of the internet or the books. The main motive of assessing the knowledge of students will be lost in this process.
- **Malpractice:** Online examination process security is one of the critical challenges. Proper authentication, authorization process should be followed to ensure that the right candidate is appearing for the exam in a secure environment without any malpractices.
- **Infrastructure:** Lack of infrastructure for online assessment and practice.
- **Time Management:**



## Aptitude Training Report

### Training and Assessment – 2021 Batch BE & MCA Students

S.No.	TRAINING	COURSE	DATE(From)	DATE(To)	Conducted by
1	Fast Track for AU students	Automobile	07-Jan-20	22-Jan-20	Aptitude Trainers, Dept. of HRD
2	Phase 1 Aptitude	BE & MCA	05-Apr-20	16-Apr-20	Placement Season & Aptitude Trainers, Dept. of HRD
3	Phase 2 Aptitude	BE & MCA	18-Apr-20	01-May-20	Placement Season & Aptitude Trainers, Dept. of HRD
4	Phase 3 Aptitude	BE & MCA	02-May-20	19-May-20	Placement Season & Aptitude Trainers, Dept. of HRD
5	Phase 4 Industry oriented specific training	BE & MCA	01-Jun-20	11-Jun-20	Placement Season & Aptitude Trainers, Dept. of HRD
6	Verbal Training	BE & MCA	24-Jun-20	15-Jul-20	Life Skill Department, NHCE
7	Concept Revision/Doubt Clarification	BE & MCA	15-Jul-20	18-Jul-20	Aptitude Trainers, Dept. of HRD
8	Capgemini Aptitude	BE & MCA	25-Aug-20	27-Aug-20	Aptitude Trainers, Dept. of HRD
9	Company Specific -DXC	BE-ISE,CSE,ECE and MCA	03-Sep-20	07-Sep-20	Aptitude Trainers, Dept. of HRD
10	Company Specific -LTI, CERNER	BE & MCA	14-Sep-20	16-Sep-20	Aptitude Trainers, Dept. of HRD
11	Company Specific-Infosys	BE & MCA	22-Sep-20	27-Sep-20	Aptitude Trainers, Dept. of HRD
12	Company Specific-Lowe's	BE & MCA	30-Oct-20	12-Nov-20	Aptitude Trainers, Dept. of HRD
13	Re-training-Topic Specific	MCA	08-Oct-20	09-Oct-20	Aptitude Trainers, Dept. of HRD
14	Company Specific-CTS	BE-ISE,CSE,CIVIL and MCA	10-Oct-20	14-Oct-20	Aptitude Trainers, Dept. of HRD

15	Company Specific-NTT Data	BE & MCA	11-Dec-20	14-Dec-20	Aptitude Trainers, Dept. of HRD
16	Company Specific-Embitel Technologies	MCA	17-Dec-20	24-Dec-20	Aptitude Trainers, Dept. of HRD
17	Re-training	MCA	15-Feb-20	28-Feb-20	Aptitude Trainers, Dept. of HRD
18	Re-training	ECE	01-Mar-20	08-Mar-20	Aptitude Trainers, Dept. of HRD

**Training related activities support for BE students during training:**

- Doubt clearing session
- Daily assessments
- Weekly comprehensive assessment

**Industry related training support for BE students:**

- Industry specific Pattern Assessment
- Cocubes and AMCAT pattern assessment
- Lowe's India Specific pattern assessment
- Capgemini Specific pattern assessment (Gamified & pseudo code)
- Webinars and pre placement talk with companies

**New Horizon College of Engineering  
Department of HRD  
MBA Training Details**

<b>S.No.</b>	<b>TRAINING</b>	<b>COURSE</b>	<b>BATCH</b>	<b>DATE(From)</b>	<b>DATE(To)</b>	<b>Conducted By</b>
1	Aptitude Training	MBA	2021	18-Feb-20	15-May-20	Aptitude Trainers, Dept. of HRD
2	Aptitude TCS Specific Training	MBA	2021	11-Dec-20	18-Dec-20	Aptitude Trainers, Dept. of HRD
3	Weekly Assessments	MBA	2021	Every Weekend		Aptitude Trainers, Dept. of HRD
4	Excel Training	MBA	2021	10-Oct-20	On Going	MarkHow Consulting
5	Regular Aptitude training	MBA	2022	2.2.2021	On going	Aptitude Trainers, Dept. of HRD



**New Horizon College - Marathalli & Kasturinagar**  
**Department of HRD**  
**Degree Training Details - 2021 Batch**

<b>S.No.</b>	<b>TRAINING</b>	<b>COURSE</b>	<b>BATCH</b>	<b>DATE(From)</b>	<b>DATE(To)</b>	<b>Conducted by</b>
1	Aptitude Re-Training	BCA	2021	21-May-20	14-Jun-20	Aptitude Trainers, Dept. of HRD
2	Aptitude Training	BBA & B.Com	2021	3-Jul-20	21-Jul-20	Aptitude Trainers, Dept. of HRD
3	Verbal Training	BBA & B.Com	2021	16-Jul-20	20-Jul-20	Life Skill Department, NHCE
4	Verbal Training	BBA	2021	26-Jul-20	2-Aug-20	Life Skill Department, NHCE
5	Aptitude Training	BBA	2021	3-Aug-20	21-Aug-20	Aptitude Trainers, Dept. of HRD
6	Lowe's Company Specific Training	BBA & B.Com	2021	18-Aug-20	28-Aug-20	Department of MBA
7	Verbal Re-Training	BCA	2021	27-Nov-20	3-Dec-20	Life Skill Department, NHCE
8	Aptitude Re Training	BCA	2021	3-Dec-20	10-Dec-20	Aptitude Trainers, Dept. of HRD

# ANNEXURE - 7



## **Review and Status of preparation of Self Study Report being submitted to NAAC Second cycle in the revised accreditation Framework.**

Dr.Manjunatha -Head of the Institution and Dr. M S Ganesha Prasad–Dean Professor and Head / NAAC Institute Coordinator briefed the members about the IIQA Application applied on 7<sup>th</sup> January 2021 and Status approved by NAAC on February 17<sup>th</sup> 2021. Also briefed about the progress of SSR and Criterion wise Inputs. In the light of this following resolutions were made for the timely submission of IIQA and SSR to NAAC-Second Cycle:-

1. Preparation of Schedule and strict adherence to it for IIQA Submission.
2. Discussed about Criterion wise inputs for cross referencing.
3. Reviewed the progress made related to various parameters of NAAC
4. College website to be updated and to be made more accessible

# ANNEXURE - 8

## NEW HORIZON COLLEGE OF ENGINEERING

### Freeships received from different departments for the financial year 2015-16

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Social Welfare Department	SC	87	56	31	70	17	3885900
Social Welfare Department	ST	4	4	-	4	-	162880
Director Technical Education	SC	5	5	-	5	-	172400
Director Technical Education	ST	3	2	1	3	-	104820
Defence(DTE)	Defence/Sainik	5	3	2	5	-	138880
<b>TOTAL</b>		<b>104</b>	<b>70</b>	<b>34</b>	<b>87</b>	<b>17</b>	<b>4464880</b>

### Scholarship received from different departments for the financial year 2015-16

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
DTE Pratibha Puraskar	Merit	2	2	-	2	-	70180
BCM(E-Pass)	Cat-1, 2A,2B,3A,3B	556	430	126	389	167	11396665
Other State Govt/Minority Scholarships	Various Departments	10	4	6	9	1	152400
<b>TOTAL</b>		<b>568</b>	<b>436</b>	<b>132</b>	<b>400</b>	<b>168</b>	<b>11619245</b>

### Management Scholarship for the financial year 2015-16

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Sitaram Jindal Foundation	Merit	2	-	2	2	-	19200
NHCE Management Scholarships for Meritorious Students(Academic Year 2013-	Merit	11	4	7	8	3	303180
Out Going Toppers(2014-15)	Merit	9	4	5	9	-	55000
<b>TOTAL</b>		<b>22</b>	<b>8</b>	<b>14</b>	<b>19</b>	<b>3</b>	<b>377380</b>

## NEW HORIZON COLLEGE OF ENGINEERING

### Freeships received from different departments for the financial year 2016-17

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Social Welfare Department	SC	420	272	148	320	100	20469270
Social Welfare Department	ST	29	21	8	22	7	1404420
Director Technical Education	SC	32	15	17	32	-	1012535
Director Technical Education	ST	10	5	5	9	1	312795
Defence(DTE)	Defence/Sainik	189	152	37	189	-	6323905
<b>TOTAL</b>		<b>680</b>	<b>465</b>	<b>215</b>	<b>572</b>	<b>108</b>	<b>29522925</b>

### Scholarship received from different departments for the financial year 2016-17

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
BCM(E-Pass)	Cat-1,2A,2B,3A,3B	1578	1092	486	1220	358	30989500
Other State Govt/Minority Scholarships	Various Departments	7	5	2	7	-	123000
KMDC	Loans	46	38	8	34	12	2142250
<b>TOTAL</b>		<b>1631</b>	<b>1135</b>	<b>496</b>	<b>1261</b>	<b>370</b>	<b>33254750</b>

### Management Scholarship for the financial year 2016-17

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
NHCE Management Scholarships for Meritorious Students(Academic Year 2014-15)	Merit	12	5	7	9	3	527500
Out Going Toppers(2015-16)	Merit	13	4	9	10	3	82500
<b>TOTAL</b>		<b>25</b>	<b>9</b>	<b>16</b>	<b>19</b>	<b>6</b>	<b>610000</b>

## NEW HORIZON COLLEGE OF ENGINEERING

### Freeships received from different departments for the financial year 2017-18

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Social Welfare Department	SC	259	170	89	211	48	12752640
Social Welfare Department	ST	36	31	5	29	7	1609720
Director Technical Education	SC	33	20	13	33	-	1342285
Director Technical Education	ST	11	7	4	10	1	414525
Defence(DTE)	Defence/Sainik	2	1	1	2	-	68990
AICTE - PMSSS (J&K )	PMSS-Scholarship	13	12	1	13	-	570590
<b>TOTAL</b>		<b>354</b>	<b>241</b>	<b>113</b>	<b>298</b>	<b>56</b>	<b>16758750</b>

### Scholarship received from different departments for the financial year 2017-18

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
BCM(E-Pass)	Cat-1,2A,2B,3A,3B	1764	1175	589	1417	347	19318320
Other State Govt/Minority Scholarships	Various Department	8	6	2	5	3	182890
KMDC	Loans	58	49	9	48	10	2676263
<b>TOTAL</b>		<b>1830</b>	<b>1230</b>	<b>600</b>	<b>1470</b>	<b>360</b>	<b>22177473</b>

### Management Scholarship for the financial year 2017-18

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
NHCE Management Scholarships for Meritorious Students -VTU & Autonomous (Academic Year 2015-16)	Merit	17	5	12	10	7	371010
Out Going Toppers VTU & Autonomous students (2016-17)	Merit	11	3	8	8	3	67500
<b>TOTAL</b>		<b>28</b>	<b>8</b>	<b>20</b>	<b>18</b>	<b>10</b>	<b>438510</b>

## NEW HORIZON COLLEGE OF ENGINEERING

### Freeships received from different departments for the financial year 2018-19

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Social Welfare Department	SC	213	144	69	177	36	11087100
Social Welfare Department	ST	40	30	10	33	7	1958300
Director Technical Education	SC	30	17	13	29	1	1276965
Director Technical Education	ST	11	6	5	10	1	468765
Defence(DTE)	Defence/ Sainik	167	122	45	167	-	6534070
AICTE - PMSS (J&K )	PMSS - Scholarship	23	21	2	23	-	1400100
<b>TOTAL</b>		<b>484</b>	<b>340</b>	<b>144</b>	<b>439</b>	<b>45</b>	<b>22725300</b>

### Scholarship received from different departments for the financial year 2018-19

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
BCM(E-Pass)	Cat-1, 2A,2B,3A, 3B	1007	727	280	828	179	20632900
Other State Govt/Minority	Various Departments	10	6	4	9	1	327550
KMDC	Loans	75	59	16	68	7	3769670
<b>TOTAL</b>		<b>1092</b>	<b>792</b>	<b>300</b>	<b>905</b>	<b>187</b>	<b>24730120</b>

### Management Scholarship for the financial year 2018-19

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Sitaram Jindal Foundation	Various Departments	1	1	0	1	0	9000
Swami Dayanand Education Foundation	Various Departments	1	1	0	1	0	15000
NHCE Management Scholarships for Meritorious Students -VTU & Autonomous (Academic Year 2016-17)	Merit	21	9	12	16	5	528770
Out Going Toppers (2017-18 UG & PG)	Merit	11	4	7	8	3	65000
<b>TOTAL</b>		<b>34</b>	<b>15</b>	<b>19</b>	<b>26</b>	<b>8</b>	<b>617770</b>

## NEW HORIZON COLLEGE OF ENGINEERING

### Freeships received from different departments for the financial year 2019-20

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
Social Welfare Department	SC	45	35	10	38	7	2371990
Social Welfare Department	ST	39	27	12	34	5	2078960
Director Technical Education	SC	30	17	13	29	1	1399595
Director Technical Education	ST	11	4	7	10	1	511815
Defence(DTE)	Defence/ Sainik	47	34	13	47	0	2182195
AICTE - PMSS (J&K)	PMSS - Scholarship	32	28	4	32	0	2254522
<b>TOTAL</b>		<b>204</b>	<b>145</b>	<b>59</b>	<b>190</b>	<b>14</b>	<b>10799077</b>

### Scholarship received from different departments for the financial year 2019-20

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
BCM(E-Pass)	Cat-1, 2A,2B,3A, 3B	958	708	250	812	146	19522840
Other State Govt/Minority Scholarships	Various Departments	1	1	0	1	0	15000
KMDC	Loans	58	53	7	48	12	3025950
D. Devaraju Arasu	Loans	5	2	3	5	0	432500
<b>TOTAL</b>		<b>1022</b>	<b>764</b>	<b>260</b>	<b>866</b>	<b>158</b>	<b>22996290</b>

### Management Scholarship for the financial year 2019-20

Department	Category	Total No of Students Received	M/F		UG/PG		Amount Sanctioned
			Male	Female	UG	PG	
NHCE Management Scholarships for Meritorious Students -VTU & Autonomous (Academic Year 2017-18)	Merit	23	7	16	20	3	467290
Sitaram Jindal Foundation	Merit	1	1	0	1	0	9000
Out Going Toppers (2018-19 UG & PG)	Merit	0	0	0	0	0	0
<b>TOTAL</b>		<b>24</b>	<b>8</b>	<b>16</b>	<b>21</b>	<b>3</b>	<b>476290</b>

# ANNEXURE - 9



## Consolidated Report

Sl.No	Branch	No.of Students Graduated	No.of Ranks awarded
1	AU	58	6
2	BT	60	5
3	CS	228	10
4	CV	140	10
5	EC	202	10
6	EE	123	10
7	IS	130	10
8	ME	199	10
9	MCA	123	10
10	MBA	175	10
11	M.Tech	11	2
<b>TOTAL</b>		<b>1449</b>	<b>93</b>

## College Topper

1	1NH16IS110	SPANDANA.S	9.8733
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## New Horizon College of Engineering

From : Dec'17/Jan'18

To : August 2020

Toppers List

A: Y:- 2016-2020

### Dept: Automobile Engg

SL NO	USN	NAME	CGPA	CREDITS EARNED
1	1NH16AU048	SHIVA MURTHY.M	9.000	150
2	1NH16AU063	VYSAKH.R	8.893	150
3	1NH16AU057	VIBIN.J.GERALD	8.808	150
4	1NH16AU003	ASIYA.F	8.806	150
5	1NH16AU037	PRITESH VADAGAVE	8.780	150
6	1NH16AU030	NADEEM SHARIF S	8.713	150

4 "S"

3 "S"

### Dept: Biotechnology

1	1NH16BT065	NISHARITHA RAVI	9.855	200
2	1NH16BT045	S PRADEEP	9.773	150
3	1NH16BT018	JANANI KHK	9.560	150
4	1NH16BT033	PRANITHA V	9.520	150
5	1NH16BT055	THANUJA.N	9.513	150
6	1NH16BT029	MAYURA V	9.433	150

### Dept: Computerscience & Engg

1	1NH16CS086	RAHUL JAIN V	9.807	150
2	1NH16CS074	NISHA R	9.807	150
3	1NH16CS064	MONI KRITHIKA S	9.793	150
4	1NH16CS073	NIRUPASHREE S	9.760	150
5	1NH16CS739	AYUSH BHARDWAJ	9.747	150
6	1NH16CS745	MADHUMITHA.R	9.733	150
7	1NH16CS080	POOMARI.M	9.687	150
8	1NH16CS112	SUMANGALA.S	9.673	150
9	1NH16CS754	SUHAS S KAMATH	9.640	150
10	1NH16CS051	KIRTI.R.NAMBIAR	9.613	150

28 "S"

27 "S"

**Dept: Civil Engg**

1	1NH16CV083	PRATHAM CHANDRAKANT NAIK	9.740	150
2	1NH16CV045	JENNIFER ROSE BIJU	9.693	150
3	1NH16CV082	PRAPHULLA.K.G	9.593	150
4	1NH16CV018	ASIWA KATH	9.580	150
5	1NH16CV080	PRAMOD SENCHA N	9.560	150
6	1NH16CV079	PRAMOD KUMAR	9.480	150
7	1NH16CV063	MANJUNATH .S.VISHWAKARMA	9.387	150
8	1NH16CV066	MARCIA KHING	9.293	150
9	1NH17CV411	OWAIS NAZIR	9.267	150
10	1NH16CV107	SUMITRA BISHNOI	9.207	150

**Dept: Electronics & Communication Engg**

1	1NH16EC081	PRITHIPA A	9.693	150
2	1NH16EC012	ATHIRA AJAYA KUMAR KULLULLY	9.587	150
3	1NH16EC066	NISHU DUBEY	9.533	150
4	1NH16EC707	ANITA CHAUHAN	9.440	150
5	1NH16EC743	RAGHAVENDRA K	9.373	150
6	1NH16EC085	ROSHINI.M	9.347	150
7	1NH16EC072	V PARITHOSH	9.307	150
8	1NH16EC752	SWATHI K	9.300	150
9	1NH16EC076	PRAJWAL.T.J	9.287	150
10	1NH16EC075	POOJA SHANTARAM NAYAK	9.267	150

**Dept: Electrical & Electronics Engg**

1	1NH16EE046	RITESH R PRABHU	9.460	150
2	1NH16EE050	SALUNKE VAISHNAVI PRABHAKAR	9.267	150
3	1NH16EE053	SINDU.N	9.073	150
4	1NH16EE725	KHUSHI SHARMA	9.060	150
5	1NH16EE729	N.G.HEMANTH KUMAR	9.040	150
6	1NH16EE750	SWAPNA G	9.033	150
7	1NH16EE060	KRUTHI YERRAMSETTY	8.980	150
8	1NH16EE048	SAGAR	8.887	150
9	1NH16EE052	SHAMBHAVI.V	8.887	150
10	1NH16EE030	MANASA M	8.853	150

7 "S"

4 "S"

**Dept: Information Science & Engg**

1	1NH16IS110	SPANDANA.S	9.873	150	COLLEGE TOPPER	
2	1NH16IS034	GEETHA B C	9.833	150		
3	1NH16IS112	SUNIL.K.A	9.820	150		
4	1NH16IS085	PRATYKSHA SHARMA	9.767	150		
5	1NH16IS050	KOUSHALYA.R	9.753	150		
6	1NH16IS143	VATHSAVI VENKAT	9.740	150		
7	1NH16IS100	SHANMATHI KAILASAM	9.720	150		
8	1NH16IS108	SINDHU K S	9.693	150		
9	1NH16IS076	POOJANA.V	9.680	150		23 S , no B grade,
10	1NH16IS103	SHRINIDHI U KULKARNI	9.680	150		23 S ,one B grade,

**Dept: Mechanical Engg**

1	1NH16ME736	PARTH RAWRI	9.707	150
2	1NH16ME045	LIKITH.R.S	9.420	150
3	1NH16ME737	P SAI SRI RAJ	9.413	150
4	1NH16ME739	RAGHAV V RAO	9.367	150
5	1NH16ME080	PRAKASH.N.R	9.347	150
6	1NH16ME753	SUDHARANI	9.260	150
7	1NH16ME003	ABHISHEK	9.180	150
8	1NH16ME007	ADITYA SINGH	9.140	150
9	1NH16ME066	NAVEEN KUMAR.M.V	9.120	150
10	1NH16ME133	SURESH YADAV	9.093	150

**Dept: Mater of Business Administration**

1	1NZ18MBA28	HARSHITHA M R	9.390	100	
2	1NZ18MBA89	VIDYA S	9.090	100	
3	1NH18MBA36	LALIT KUMAR KANDOI	8.760	100	
4	1NH18MBA27	JAISHREE S	8.660	100	
5	1NH18MBA71	SAHIL KUMAR VAIDYA	8.510	100	
6	1NZ18MBA17	CHAITANYA D	8.500	100	
7	1NZ18MBA16	CATHERINE FAUSTINA R	8.470	100	
8	1NH18MBA23	GANGIREDDIGARI JYOTHIREDDY	8.450	100	
9	1NH18MBA17	CHAITRA G R	8.440	100	4 S
10	1NZ18MBA10	B RANA PRATHAP REDDY	8.440	100	2 S

**Dept: Master og Computer Applications**

1	1NZ17MCA32	SARMI GHOSH	9.613	150
2	1NH17MCA23	NICKY JANGIR.U	9.433	150
3	1NZ17MCA24	PRASENJIT KUMAR DAS	9.393	150
4	1NH17MCA24	NIKHILESH MALLICK	9.380	150
5	1NH17MCA46	LAKSHMI DEVI. V	9.360	150
6	1NH17MCA20	MITALI DEY	9.320	150
7	1NZ17MCA21	MONICA.V	9.313	150
8	1NH17MCA11	JANAVI. N	9.293	150
9	1NZ17MCA11	ISHWAR CHANDRA	9.193	150
10	1NH17MCA54	VANISHA.P	9.120	150

**Dept: M.Tech ( Machine Design)**

1	1NH18MMD04	RONNY A NAZARETH	9.091	88
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**Dept: M.Tech ( Computer Science)**

1	1NH18SCS02	ANUSHA S	9.330	88
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